Final First Quarter Memorandum Outdoor Ambient Air Study

Operable Unit Number 7 of the Libby Asbestos Superfund Site



Prepared for:

Montana Department of Environmental Quality

Helena Montana

Prepared by:

Tetra Tech

Helena, Montana

February 2010

FINAL FIRST QUARTER MEMORANDUM OUTDOOR AMBIENT AIR STUDY

Operable Unit Number 7 of the Libby Asbestos Superfund Site

February 23, 2010

Prepared for:

MONTANA DEPARTMENT OF ENVIRONMENTAL QUALITY Remediation Division

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1.0 INTRODUCTION

As part of the overall remedial investigation activities conducted within Operable Unit (OU) Number 7 (OU7) of the Libby Asbestos Superfund Site, Tetra Tech EM Inc. (Tetra Tech) conducted ambient air monitoring for the Montana Department of Environmental Quality (DEQ) to evaluate the presence of Libby Amphibole (LA) asbestos in outdoor ambient air throughout the operable unit.

The outdoor ambient air monitoring program implemented by Tetra Tech is based on the Remedial Investigation Work Plan, Outdoor Ambient Air Study (Tetra Tech 2009a) and the associated health and safety plan (Tetra Tech 2009b) and includes monitoring of ambient air in four distinct "air zones" across OU7. Tetra Tech established seven monitoring station locations within the four air zones to evaluate upwind, downwind and residential exposure scenarios. Personnel and work zone monitoring was also conducted to ensure worker safety and to evaluate real-time airborne levels of asbestos in ambient air. This quarterly report summarizes activities related to monitoring station site selection and setup, outdoor ambient air monitoring activities conducted, and available analytical results from the first quarter (October 30, 2009 through January 22, 2010) of the year-long outdoor ambient air monitoring program.

2.0 AIR MONITORING PLAN IMPLEMENTATION

Implementation of the OU7 air monitoring program was initiated in October 2009. Initial field activities included the selection of site monitoring stations, assembly and installation of monitoring equipment, and initiation of outdoor ambient air sample collection. The following sections provide a brief summary of activities conducted to accomplish the goals of the Outdoor Ambient Air Study Work Plan (Tetra Tech 2009a).

2.1 ESTABLISH AIR MONITORING STATION LOCATIONS

Seven ambient air sampling station locations were selected within four distinct outdoor ambient air sampling zones of OU7 (**Figure 2-1**). The four air sampling zones were defined based on geographic location and land use coverage. Final locations for the seven air sampling stations were determined during the first week of October and were based upon site access, landowner approval, site security, and adequate special coverage of the study area. **Table 2-1** provides the general and detailed locations and rationale for selecting the seven stations. Photographs of the 7 air sampling stations are provided in **Appendix A**.

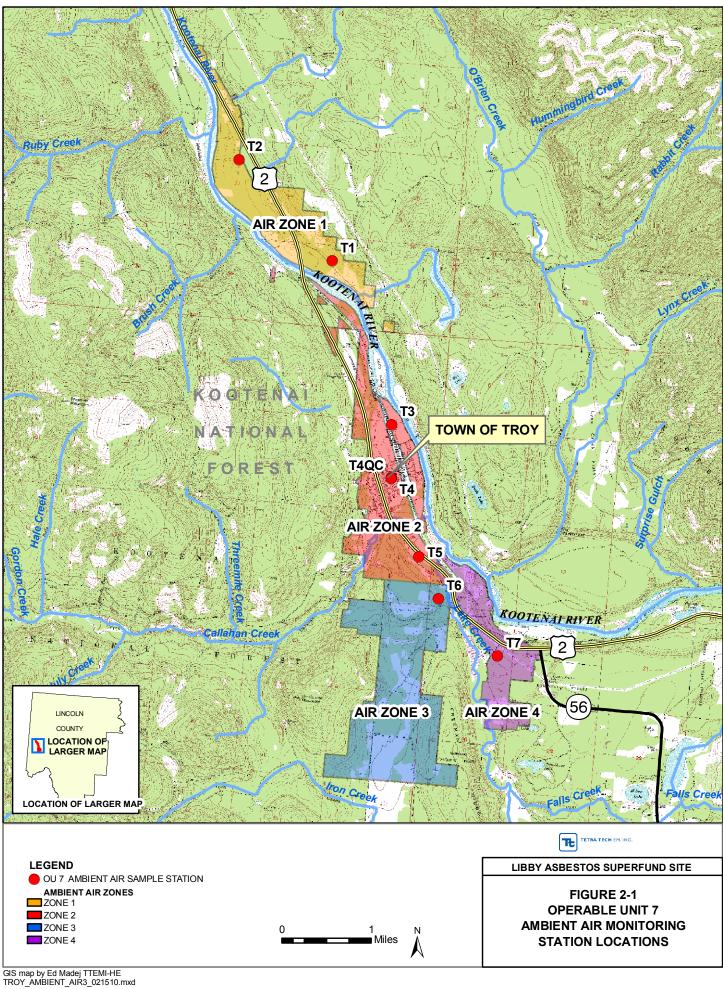


TABLE 2-1
OUTDOOR AMBIENT AIR SAMPLING LOCATIONS

Station Number	General Location*	Detailed Location	Purpose
T1	Community exposure site and upper-middle bounds of OU7, located at the small community area NE of the Kootenai River	Residential Property at North River Road Long -115.9109194 Lat 48.49736625	This site is used to evaluate LA concentrations at the small community and the upper-middle bounds of OU7
Т2	Upwind/downwind site near the NW border of OU7	Fire Station at Forest Drive at Vacation Rd in Kootenai Vista Long -115.9355267 Lat 48.5124475	This site is used to evaluate LA concentrations at the northern boundary of OU7
Т3	City of Troy northern site	Water Treatment Station at North end of Roosevelt Park Long -115.893191033333 Lat 48.47169145	This site is used to evaluate LA concentrations north of the Troy community
Т4	City of Troy population exposure site	DEQ Troy Info. Center at 303 Third Street Long -115.89226045 Lat 48.4631302166667	This site is used to evaluate LA concentrations in the Troy community (specifically in the population center).
T4QC	City of Troy population exposure site	DEQ Troy Info. Center at 303 Third Street Long -115.89226045 Lat 48.4631302166667	Co-located sample station of T4
Т5	City of Troy southern site	County Shops at Hwy. 2 at Sunset Rd. Long -115.88398595 Lat 48.4507425666667	This site is used to evaluate LA concentration south of the Troy community
Т6	Upwind/downwind site near the SW boarder of OU7	Water Tower at Iron Creek Rd. ¾ mile south of Hwy 2 Long -115.878429133333 Lat 48.4441892166667	This site is used to evaluate LA concentrations at the southwestern boundary of the OU and confirm if any LA is entering or leaving OU7
Т7	Upwind/downwind site near the SE boarder of OU7	Residential Property at Hummingbird Way at Bighorn Way in Wilderness Plateau Long -115.862912383333 Lat 48.43572533333333	This site is used to evaluate LA concentrations at the southeastern boundary of OU7

Notes:

LALibby AmphiboleSESoutheastLatLatitudeNENortheastSWSouthwestLongLongitude

NW Northwest OU7 Troy Operable Unit

^{*} Predominant winds in the area blow from the southeast and northwest. Stations on the southeast and northwest bounds of OU7 will act as upwind and downwind receptors depending on wind direction.

The predominant winds in Troy tend to flow in southeast and northwest directions, following the river corridor in which Troy is located; therefore, two sampling stations (one each) were placed in close proximity to the northwest and southeast boundaries of OU7. This will ensure that there are upwind and downwind sample collection stations for both wind directions. Two stations (one each) were also located on the northwest and southeast borders of downtown Troy in order to have upwind and downwind sample stations in the area with the highest population density. One sample station was also placed at the DEQ Troy Information Center in downtown Troy to measure the presence of LA in Troy. One station was placed in the Kootenai Vista area in the northern portion of OU7 and the last station was placed along Iron Creek Road in the southwestern portion of OU7. One additional station was placed in tandem with the station at the DEQ Information Center to serve as the location for collection of co-located quality control samples.

2.2 EQUIPMENT SELECTION AND SETUP

With assistance from Mr. Damon Repine, a CDM field supervisor, Tetra Tech obtained the ambient air sampling station boxes from a Libby storage facility on October 7, 2009. Eight station boxes were obtained with the following serial numbers: 3794-1, 3794-3, 3794-7, 3794-9, 3794-11, 3794-12, 3794-13, and 3794-14. Using Hudson sprayers and disposable towels, Tetra Tech decontaminated the boxes prior to transporting them to the Troy field office. Tetra Tech purchased materials and supplies to set up the sampling station boxes during the weeks of October 12 and 19, 2009.



Exterior view of ambient air sampling station.

Tetra Tech obtained access agreements from property representatives before the sampling station boxes were installed on October 20 and 21, 2009. Contact dates and names of those individuals granting access to each site were recorded on Field Sampling Data Sheets (FSDS) along with all field data collected. The basic design for the FSDS sheets was created before field-testing began and was modified during the first two sampling periods. FSDS sheets for the first quarter sampling periods are provided in **Appendix A**.

Once the sampling stations were placed at each location, the global positioning system coordinates of each station were recorded and site photographs were taken (**Appendix B**). The coordinates provided in

Table 2-1 will be used for spatial pattern analysis and in the preparation of maps that summarize findings. **Figure 2-1** provides sampling station locations.



AirChek 2000 Pump

Sampling station equipment was designed to use battery-operated air sampling and heating equipment in order to work independent of onsite electrical sources. In order to sample continuously for 5 consecutive days with data recording capabilities, the battery operating criteria required Tetra Tech to purchase air sampling equipment that could use 12-volt deep cycle batteries. Tetra Tech purchased air sampling pumps that met these criteria. The selected pumps were SKC AirChek2000 which are equipped with battery eliminator attachments that can be connected directly to the 12-volt batteries. Although the air pump set-up met the manufacturer's specifications, Tetra Tech could not be sure that the apparatus would work

successfully for the OU7 ambient air project requirements without first completing a test run. Separate short-term test runs of the sampling equipment and power supply system were completed in the days prior to actual sampling startup. Results of short-term testing indicated that the equipment was functioning properly and was ready for full-length sampling periods.

2.3 OUTDOOR AMBIENT AIR MONITORING

First quarter ambient air sampling consisted of nine 5-day sampling periods separated by five off days between each period. First quarter sampling began with Period 1 on October 30, 2009 and ended with Period 9 that ended on January 22, 2010. **Table 2-2** provides a summary of sampling dates for periods 1 through 9.

TABLE 2-2
OU7 OUTDOOR AMBIENT AIR SAMPLING
1ST QUARTER SAMPLE PERIOD DATES

Sample Period 1	October 30, 2009 to November 3, 2009
Sample Period 2	November 9, 2009 to November 13, 2009
Sample Period 3	November 19,2009 to November 23, 2009
Sample Period 4	November 29, 2009 to December 3, 2009
Sample Period 5	December 9, 2009 to December, 13, 2009
Sample Period 6	December 19, 2009 to December 23, 2009
Sample Period 7	December 29, 2009 to January 2, 2010
Sample Period 8	January 8, 2010 to January 12, 2010
Sample Period 9	January 18, 2010 to January 22, 2010

Tetra Tech scheduled the first sampling period, October 30, 2009 to November 3, 2009, to be a full-length test run. If the pumps ran successfully during this first week the data would be considered valid and subsequent sampling periods would use similar methods. The pumps were set to run at 3 liters per minute for the entire 5-day period, collecting a total of 21,600 liters of air. Tetra Tech monitored the 12-volt batteries daily and recorded minimal voltage loss during this first week. Only one sample, TA-0006 collected at station T-2 (the Kootenai fire station), failed to obtain the air volume goal. This error was due to



Interior view of ambient air sampling station showing sampling equipment, batteries, and heater.

a programming malfunction and not battery failure, therefore, the test run was deemed successful and samples were collected for analysis. Sampling data and observations were recorded daily on FSDS sheet (**Appendix A**). The FSDS sheets were modified to add an expanded section for comments and to record the pump set up and retrieval dates on the front page. A total of 5 daily pump inspection checks were placed on the second page of each FSDS.

Although Tetra Tech was able to test the battery operated air pump mechanisms during the first sampling period, questions still remained on how the pumps would perform during winter temperature drops. The AirChek2000 sampling pump specifications identify an operating temperature range of 32 to 100 degrees Fahrenheit. To maintain temperatures above the base level, Tetra Tech purchased several 12-volt deep cycle batteries to operate miniature heaters inside the sample station boxes.

Tetra Tech tested two heating devices: miniature terrarium heaters with flexible plate designs and 12-volt light bulb appliances. The heating devices were tested during the 2nd and 3rd sampling periods. Tetra Tech collected and recorded data daily to monitor the temperatures of the sampling pumps and the temperatures within the sample station boxes. Tetra Tech also monitored and compared the battery voltage loss for the two heating options. Data were summarized and reviewed after each of the two sampling periods and Tetra Tech concluded that both heating options worked adequately. Although the light bulb appliances provided more heat in extreme cold temperatures, the terrarium heaters were shown to be more efficient for battery usage. The Tetra Tech field team decided to use the terrarium heaters unless extreme cold temperatures are encountered.

The air sampling pumps were programmed to record atmospheric pressure in the "INS mode" (inches of Hg) since Sample Period 1; however, the FSDS sheets for sample periods 1 through 7 had incorrectly referenced the "mm/Hg" (millimeters of Hg) mode. The FSDS sheets were changed to correctly list "INS" beginning in period 8.

2.4 OUTDOOR AMBIENT AIR MONITORING, ISSUES AND RESOLUTIONS

This report addresses the first quarter of the OU7 outdoor ambient air monitoring project. The issues and resolutions addressed during project start up through the first 9 sampling periods are summarized below.

The OU7 Outdoor Ambient Air Study work plan establishes a goal of 21,600 liters of air to be collected per sampling period at each sampling location. This goal was established in order to ensure that target analytical sensitivities could be achieved during the project. However, the air volume requirement presented a potential concern for sample filter overloading. The target air volume of 21,600 liters exceeds the volume of air collected in the OU4 (Libby) ambient air study which averaged about 15,000 liters per sample.

Tetra Tech requested that analytical results for the first sampling period be obtained as soon as possible to determine if the specified pump flow rate of 3.0 liters per minute was excessive and filter overloading would result. Since the ESAT analytical laboratory was not set up to analyze the OU7 outdoor ambient air study samples, Period 1 filter cassettes were sent to Reservoirs Laboratory for analysis. Prior to analyzing the samples, Reservoirs informed Tetra Tech that three samples from Period 1 yielded overloaded cassettes while the remaining five cassettes were not overloaded. Overloaded cassette filters were noted to have a black "soot-like" substance on the filter. The three overloaded cassettes were collected at stations T-4, T-4QC and T-5 (the DEQ Office, DEQ Office QC station, and the County Shops station). Tetra Tech consulted with the DEQ and resolved that the sample stations with the overloaded filter cassettes were likely located in dusty areas and near high traveled roads. Tetra Tech recommended relocating the sampling boxes at these locations to positions farther away from the main roads. Tetra Tech also recommended reducing the sample flow rates from 3.0 to 2.0 liters per minute. These changes were made prior to starting sample Period 4.

Overloaded cassettes were discussed during a telephone conference call on December 2, 2009 with Reservoirs Laboratory, DEQ and Tetra Tech. Reservoir Laboratories stated that although the three cassettes were overloaded, they would be able to analyze them using a secondary dilution process. Additional grid openings would need to be counted in order to achieve the analytical sensitivity and would result in increased analytical time and costs. The number of grid openings to be counted would

increase from 45 to either 73 or 146 to reach required sensitivity levels. Reservoirs Laboratory was directed to analyze the overloaded samples.

The initial analytical results for Sample Period 1 were received on December 8, 2009, just prior to the start of Sample Period 5. The other Period 1 sample results did not require secondary dilution; therefore Period 5 flow rates were returned to 3.0 liters per minute.

The DEQ recommended that rush analysis be completed for the Period 5 samples to help evaluate if relocating the sample boxes at T-4, T-4QC, and T-5 helped avoid filter overloading at these locations. No overloaded cassette filters were identified for any of the Period 5 samples. As a result, relocation of the boxes was enough to eliminate filter cassette overloading and the 3.0 liters per minute flow rate was established for subsequent sampling periods.

Infrequent sample pump failure was another issue noted during first quarter sampling. Tetra Tech experienced pump failures approximately 4 to 5 times during this period. Failures were generally attributed to pump faults and not battery failures or hardware malfunctions. When failures were identified, Tetra Tech was able to minimize data loss for these 4 or 5 occurrences by either repairing or reprogramming the air sampling pump, re-sampling with a new cassette and sample number, or exchanging the pump for a working backup pump using a new cassette and sample number. The FSDS sheets were used to record the replacement samples and revised sample periods.

3.0 OUTDOOR AMBIENT AIR MONITORING RESULTS

Only samples from sample periods 1 and 5 were submitted for transmission electron microscopy (TEM) analyses during first quarter sampling activities. Samples collected during the remaining sample periods (2, 3, 4, 6, 7, 8, and 9) are currently stored at the ESAT laboratory awaiting future analysis. All sample filter cassettes were shipped to ESAT Laboratory in Golden, Colorado under chain-of-custody protocol where they were dried in a dessicator to prevent the growth of mold. At the time of this report, validated analytical results are not available for presentation.

4.0 REFERENCES

Tetra Tech EM Inc. 2009a. Remedial Investigation Work Plan, Outdoor Ambient Air Study, Operable Unit 7 of the Libby Asbestos Superfund Site. October.

Tetra Tech EM Inc. 2009b. Operable Unit 7 Ambient Air Study Health and Safety Plan. October.

APPENDICES

(Appendices are provided on the attached disk)

APPENDIX A FIRST QUARTER OUTDOOR AMBIENT AIR SAMPLING FSDS SHEETS OCTOBER 30, 2009 THROUGH JANUARY 22, 2010

APPENDIX B
AIR MONITORING STATION PHOTOGRAPHS

	ETRA TECH EM INC.	
OU7 OUTDOOR AMBIEN	AIR - FIELD SAMPLE DATA SH	IEET (FSDS)
Station Location: T- 4 QC	Sample ID #:	TA-0001
Field Technician: MAS, JJ	Filter ID #:	18833-01
Pump Type/Model: SKC AirChek 2	Sample Type:	TEM
Pump Number: 36444	Sample Parent ID #:	TA-0004
DAY		
/	Timer Beginning Time:	12:00 Am
Date: 10/30/09	Beginning Flow Rate (L/min):	2 1 Am
Time: /2:00 am	Atmospheric pressure (mm Hg):	27.93
7000777	Temperature inside station unit (°F):	× 1.73
DAY		
7 7	Timer Ending Time:	12:00 Am
Date: 11/4/09	Ending Flow Rate (L/min):	3000
Time: //:35 Am	Total Sample Volume (L):	OFLO
	Total Sample Time (min):	7200
	Atmospheric pressure (mm Hg):	27.92
	Temperature inside station unit (°F):	40.40
CHECK (complete separate DAILY C	HECK for each station visit - addition	nal records on back)
(Field Tech Initials)	PUMP FAULT (Yes / No):	0/(0)
Date: 10/30/09 (99)	Timer Time (min):	611
Time: 10 13 4 3 ()	Flow Rate (L/min):	2000
70.704	Cumulative Sample Volume (L):	1836
	Cumulative Sample Time (min):	611
	Atmospheric pressure (mm Hg):	27.71 125.
	Temperature inside station unit (°F):	38.2° pymp/4
	Battery voltage reading (volts):	12.68
ENTS: (Please note all photographs tal		12.68

DATE:

SIGNATURE:

TETRA TECH EM INC. OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA SHEET (ES TA-0001 ADDITIONAL DAILY CHECK RECORDS Station Location: T-Sample ID# 4-00 Field Technician: Filter ID #: Pump Type/Model: SKC AirChek 2000 Pump Number: 36444 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No) Timer Time (min) Flow Rate (L/min): Cumulative Sample Volume (L) Cumulative Sample Time (min): Atmospheric pressure (mm Hg): Temperature inside station unit ("F): 9 box Battery voltage reading (volts): DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Timer Time (min): Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hq): I emperature inside station unit ("F): Battery voltage reading (volts): DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Timer Time (min): Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): Temperature inside station unit ("F): Battery voltage reading (volts): DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Timer Time (min): Flow Rate (L/min): Time: 3 Cumulative Sample Volume (L): 40 Cumulative Sample Time (min): Atmospheric pressure (mm Hg): I emperature inside station unit ("F): Battery voltage reading (volts): DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Timer Time (min): (m95) Date: Time: Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): l'emperature inside station unit ("F): Battery voltage reading (volts): 12.54

TETRA TECH EM INC. OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA SHEET (FEDE) TA-0010 Station Location: T-1 (Tony's Rental) Sample ID #: Field Technician: Filter Lot #: 18833-Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Sample Parent ID #: TA-0010 Pump Number: 36446 START DAY Timer Beginning Time: /2:00 Am Beginning Flow Rate (L/min): Pump Programmed (Yes / No): Bios Calibration Within 10 mL (Yes / No) STOP DAY Timer Ending Time: . Ending Flow Rate (L/min): Total Sample Volume (L): OFLO Total Sample Time (min): 7200 Atmospheric pressure (mm Hg): スフ.%% Temperature inside station unit (°F): 36.9 / 4mf DAILY CHECK (complete separate DAILY CHECK for each station visit - additional records on back) (Field Tech Initials) PUMP FAULT (Yes / No): Date: Flow Rate (L/min): Time: Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): Temperature inside station unit (°F): Battery voltage reading (volts): COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault) SIGNATURE: DATE:

ADDITIONAL DAILY CHECK RECORDS Station Location: T-1 (Tony's Rental) Field Technician: Pump Type/Model: Skc AirChek 2000 Pump Number: 36446 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Flow Rate (L/min): Time: Cumulative Sample Volume (L):	100
Field Technician: Pump Type/Model: SKC AirChek 2000 Pump Number: 36446 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Flow Rate (L/min): Time: Time: Cumulative Sample Volume (L):	
(Field Tech Initials) PUMP FAULT (Yes / No): Date: // 9-09 (97) Flow Rate (L/min): 3 5 5 5	
Date: 11-9-09 (97) Flow Rate (L/min): 3 > 30	-
Cumulative Sample Time (min): Atmospheric pressure (mm Hg): I emperature inside station unit (~): Battery voltage reading (volts):	760
DAILY CHECK (For each station visit)	1
Date: 11- 10-09 (4) Flow Rate (L/min): 3000 Time: () Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): 1 emperature inside station unit ("F): Battery voltage reading (volts):	Box
DAILY CHECK (For each station visit)	
Date: 11-11-09 (9) Flow Rate (L/min): 3000 Time: 11-11-09 () Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): 1 emperature inside station unit ("F): Battery voltage reading (volts):	BOX
DAILY CHECK (For each station visit)	7
Time: Commutative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): Lemperature inside station unit ("F): Battery voltage reading (volts): Commutative Sample Volume (L): Computative Sample Time (min): Commutative Sampl	8 b X
DAILY CHECK (For each station visit)	
Date: 11-13-09 (94) Flow Rate (L/min): 3-30 11-13-09 (94) Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): 1-21-14-15-15-16 1-21-14-16-15-15-16 1-21-14-16-15-16 1-21-14-16-16-16-16 1-21-14-16-16-16-16-16-16-16-16-16-16-16-16-16-	301

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S ADDITIONAL DAILY CHECK RECORDS

TA-0019

Station Location: T-1 (Tony's Re	ntal) Sample ID #:
Field Technician:	Filter Lot #: 18833- O /
Pump Type/Model: SKC AirChek 2	
Pump Number: 36446	
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No):
Date: 11-19-09 (00)	Flow Rate (L/min): 3000
Time: 9 114 am ()	Cumulative Sample Volume (L):
The Man	Cumulative Sample Time (min): 554
_	
I	emperature inside station unit (F): 42,1 Pump/34Box
	Battery voltage reading (volts):
DAILY CHECK (For each station visit)	
DAILY CHECK (For each station visit)	DUMD FAULT (Ves (Ne)
(Field Tech Initials)	PUMP FAULT (Yes / No):
Date: 11-20-09 (97)	Flow Rate (L/min): 300 0
Time: 3 ,001 m ()	Cumulative Sample Volume (L): S 9 4 0
	Cumulative Sample Time (min): 1980
	Atmospheric pressure (mm Hg): 27,46
T ₁	emperature inside station unit (F):
	Battery voltage reading (volts): 12,77
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No):
Date: 11 - 2 - 09 (99)	Flow Rate (L/min):
Time: 4:33 Pm ()	Cumulative Sample Volume (L): OFLO
	Cumulative Sample Time (min): 3 8 7 3
	Atmospheric pressure (mm Hg): 2 7,7 /
To	emperature inside station unit (F): 48,3 PHMP 4080X
	Battery voltage reading (volts): 12.63
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No): NO
Date: 1/22-09 (99)	Flow Rate (L/min):
Time: ()	Cumulative Sample Volume (L): OFLO
133711	Cumulative Sample Time (min): 5/3/
	Atmospheric pressure (mm Hg): 27,43
Т	emperature inside station unit (F): 43.4 Pump / 35 Box
	Battery voltage reading (volts): 12.57
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No):
Date: 11-23-09 (967)	Flow Rate (L/min): 300 0
Time: 5', 23 Pm (*)	Cumulative Sample Volume (L): OFLO
3,2371	Cumulative Sample Time (min): 6803
	Atmospheric pressure (mm Hg): 23:46 28,10
т.	emperature inside station unit (F): 47,7 Pune 140 Box
	Battery voltage reading (volts): 12,48
	Dattery voltage reading (volta).

OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA ST

Station Location: T-1 (Ton	Sample ID #:
Pump Type/Model: SKC Air	
Pump Number: 36446	Sample Parent ID #:
JMP SETUP DAY	-
	Timer Beginning Date/Time: 11 - 19 - 09 / 12:00
Date: 11-18-09	Beginning Flow Rate (L/min): 300
Time: 2:55 pm	Pump Programmed (Yes / No):
	Bios Calibration Within 10 mL (Yes / No) e 5
JMP RETRIEVAL DAY	
	Timer Ending Date/Time: 11-29 - 1200 Am
Date: 11-2 4-09	Ending Flow Rate (L/min):
Time: 10 111 Am	Total Sample Volume (L): OF LO
	Total Sample Time (min): 7200
	Atmospheric pressure (mm Hg): 28,09
	Temperature inside station unit (°F): 40.5 Pump 368
<u> </u>	
GNATURE:	DATE:

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA TA-0028** Station Location: T-1 (Tony's Rental) Sample ID #. Field Technician: Filter Lot #: 18833- () Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Pump Number: 36446 Sample Parent ID #: -PUMP SETUP DAY Timer Beginning Date/Time: 11-29-09 / 12:00 * ~ Beginning Flow Rate (L/min): 2000 Date: 11-28-09 Pump Programmed (Yes / No): Yes Time: 2:04 Pm Bios Calibration Within 10 mL (Yes / No) Yes PUMP RETRIEVAL DAY Timer Ending Date/Time: / Z - 4 / Z : 50 A Date: 12-4-09 Ending Flow Rate (L/min): 2000 Time: 8:38Am Total Sample Volume (L): o た レ o Total Sample Time (min): 7 Z OO Atmospheric pressure (mm Hg): 2 7.88 Temperature inside station unit (°F): 23.5 Pump) 19 B ox COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault

DATE:

SIGNATURE:

7

TETRA TECH EM INC. OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S TA-0028 ADDITIONAL DAILY CHECK RECORDS Station Location: T-1 (Tony's Rental) Sample ID #: Field Technician: 7 Filter Lot #: 18833- 01 Pump Type/Model: SKC AirChek 2000 Pump Number: 36446 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): No (Field Tech Initials) Flow Rate (L/min): 2000 Date: 11-29-09 Cumulative Sample Volume (L): 2,3,5,2 Time: Cumulative Sample Time (min): 1, 75 Atmospheric pressure (mm Hg): 27.93 Temperature inside station unit (F): 44.5 Pune Battery voltage reading (volts): 12:97 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): NO (Field Tech Initials) Flow Rate (L/min): 7,000 Date: 11-30-09 (49 Cumulative Sample Volume (L): 4883 Time: 4:42 Pm Cumulative Sample Time (min): Atmospheric pressure (mm Hg): 27.59 Temperature inside station unit (F): 48.8 Pump Battery voltage reading (volts): 12,84 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): ~ 0 Flow Rate (L/min): 2000 Date: 12-1-09 Cumulative Sample Volume (L): 75 15 Time: 3 ', 178m Cumulative Sample Time (min): 3797 Atmospheric pressure (mm Hg): 27.90 Temperature inside station unit (F): 42.3 P4mp/376bx Battery voltage reading (volts): / 2 , 7 / DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): ~ 0 (Field Tech Initials) Flow Rate (L/min): Zooo Date: 12-2-09 Cumulative Sample Volume (L): 5 F Lo Time: 6:5 7 Pm Cumulative Sample Time (min): 5457 Atmospheric pressure (mm Hg): 28.00 Temperature inside station unit (F): 33.5 Pump Battery voltage reading (volts): 1 2 5 % DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): ~~ o Date: 12-3-09 Flow Rate (L/min): Zooo Time: 6:52Pm Cumulative Sample Volume (L): Cumulative Sample Time (min): 6893 Atmospheric pressure (mm Hg): 27.97 Temperature inside station unit (F): 32.0 Phme/2 Battery voltage reading (volts): 17,5 a

TETRA TECH EM INC. **OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA!** TA-0037 Station Location: T-1 (Tony's Rental) Sample ID# Field Technician: Filter Lot #: 18833-Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Pump Number: 36446 Sample Parent ID #: PUMP SETUP DAY Timer Beginning Date/Time: 12-9 12:00 -Beginning Flow Rate (L/min): 3000 Date: / 2-8-09 Pump Programmed (Yes / No): 4 25 Time: / ', 3 9 pm Bios Calibration Within 10 mL (Yes / No) PUMP RETRIEVAL DAY Timer Ending Date/Time: / 2 - / 4 / 2:00 Am Ending Flow Rate (L/min): 3000 Date: 12-14-09 Total Sample Volume (L): 0 × L0 Time: 5:19 Pm Total Sample Time (min): 7 200 Atmospheric pressure (mm Hg): 27.47 Temperature inside station unit (°F): 3/.0 Pump 25 Pump COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault Heater battery failed 12-13-09 w 9 hours left on sumple period not replace w/ vew one.

DATE: 12 -13-09

SIGNATURE:

		RA TECH EM INC.	
7	TA-0037		OUT OUTDOOR AMBIENT A
•	1 M-0001	DAILY CHECK RECORDS	A minist
I	8833-	tal) Sample ID #: Filter Lot #:	Station Location: T-1 (Tony's Ren Field Technician:
			Pump Type/Model: SKC AirChek 20
			Pump Number: 36446
			JLY CHECK (For each station visit)
	.VG	PUMP FAULT (Yes / No):	, (Field Tech Initials)
_	3.000	Flow Rate (L/min):	Date: 12/9/09 (MAS,) JJ
_	3 002	Cumulative Sample Volume (L):	Time: 1638 (ms,) 50
	1,000	Cumulative Sample Time (min):_	, ·
_	27.84	Atmospheric pressure (mm Hg):_	
	33.6 / al BOX	mperature inside station unit (F):_	Te
10 HENTER	12.81/12.20	Battery voltage reading (volts):_	
			ILY CHECK (For each station visit)
	MO	PUMP FAULT, (Yes / No):	(Field Tech Initials)
_	3000	Flow Rate (L/min):	Date: 1 2 - 1 0 - 09 (90)
	5512	Cumulative Sample Volume (L):	Time: 6:378m ()
	1837	Cumulative Sample Time (min):_	
_ 1	27,78	Atmospheric pressure (mm Hg):_	_
SO B OX	32,1PHMP/201	mperature inside station unit (F):_	Te
_	1271	Battery voltage reading (volts):_	1.2
	12.05		ILY CHECK (For each station visit)
		PUMP FAULT (Yes / No):_	(Field Tech Initials)
-	W 0	Flow Rate (L/min):	Date:/ Z - 11 - 09 (99)
5.00	OFIO	Cumulative Sample Volume (L):	Time: 7:33 pm ()
-	4052	Cumulative Sample Time (min):	3.15 61 19 50
Г	27,44	Atmospheric pressure (mm Hg):	
5 BOX	36.3 PUMP/250	mperature inside station unit (F):	Te
	12,57	Battery voltage reading (volts):	
	11,73	Heater	II V CHECK (For each etation visit)
		PUMP FAULT (Yes / No):	ILY CHECK (For each station visit) (Field Tech Initials)
-	3000	Flow Rate (L/min):	Date: 12-12-09 (49)
-	OFLO	Cumulative Sample Volume (L):	Time: 10: ZZAm ()
-	4942	Cumulative Sample Time (min):	
-	27,37	Atmospheric pressure (mm Hg):	
BOX	36.0 Pump 248	mperature inside station unit (F):	Tei
	12.52	Battery voltage reading (volts):	
	1.53	Heater	(IVOUEOV (Ferrench stations in the
		DUMP CALLET OF THE	ILY CHECK (For each station visit)
-	NO	PUMP FAULT (Yes / No):_ Flow Rate (L/min):	(Field Tech Initials) Date: 12-13-09 (99)
-	5000	Cumulative Sample Volume (L):	Time: 2:50 Pm ()
-		Cumulative Sample Time (min):	2.50 m ()
5		Atmospheric pressure (mm Hg):	
YROX	7/ 6 Pune 12 VA	nperature inside station unit (F):	Tei
1 5	2.47	Battery voltage reading (volts):	
-	5.96		

OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA (ADDITIONAL DAILY CHECK RECORDS

TA-0048

ADDITIONAL DAILY CHECK RECORDS				
Station Location: T-1 (Tony's Rent				
Field Technician: 🕡	Filler Lot #:	18833- <u>0 2</u>		
Pump Type/Model: SKC AirChek 200	00			
Pump Number: 36446				
DAILY CHECK (For each station visit)				
(Field Tech Initials)	PUMP FAULT (Yes / No):	No		
Date: / 2-19-09 (99)	Flow Rate (L/min):	3000		
Time: 3:47 pm ()	Cumulative Sample Volume (L):	2842		
	Cumulative Sample Time (min):			
	Atmospheric pressure (mm Hg):	27.79		
Ten	nperature inside station unit (F):	46.9 PHMP/39BOX		
	Battery voltage reading (volts):	12,91		
	heater-	12.83		
DAILY CHECK (For each station visit)				
(Field Tech Initials)	PUMP FAULT (Yes / No):	No		
Date: 12 - 20 -09 (99)	Flow Rate (L/min):	3000		
Time: 10:58 8m ()	Cumulative Sample Volume (L):	6294		
	Cumulative Sample Time (min):	2098		
	Atmospheric pressure (mm Hg):	27.76		
Ten	nperature inside station unit (F):	54.784mp/40 BOX		
	Battery voltage reading (volts):	12,79		
	heuter-	12.56		
DAILY CHECK (For each station visit)				
(Field Tech Initials)	PUMP FAULT (Yes / No):			
Date: 12-21-09 (90)	Flow Rate (L/min):			
Time: 5 : 24 Pm ()	Cumulative Sample Volume (L):	07-0		
	Cumulative Sample Time (min):	3925		
	Atmospheric pressure (mm Hg):			
Ten	nperature inside station unit (F):_			
	Battery voltage reading (volts):	12.65		
	heater-	1216		
DAILY CHECK (For each station visit)				
(Field Tech Initials)	PUMP FAULT (Yes / No):	J 0		
Date: 12-22-09 (外)	Flow Rate (L/min):	3000		
Time: <u>6'19 Pm</u> ()	Cumulative Sample Volume (L):			
	Cumulative Sample Time (min):	5419		
	Atmospheric pressure (mm Hg):	27.78		
Ten	nperature inside station unit (F):	54.5 Pymp / 408 0X		
	Battery voltage reading (volts):	12.57		
	heater-	11.91		
DAILY CHECK (For each station visit)				
(Field Tech Initials)	PUMP FAULT (Yes / No):	√ 0		
Date: 12-23-09 (90)	Flow Rate (L/min)	3000		
Time: 7:05pm ()	Cumulative Sample Volume (L):	OFLO		
	Cumulative Sample Time (min):	6905		
	Atmospheric pressure (mm Hg):	28.14		
Ten	nperature inside station unit (F)	46,6 Phmr/ 3380x		
	Battery voltage reading (volts):	17.48		
	heater-	11.6		

OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S

TA-0048

	171 00-10
Station Location: T-1 (
Field Technician:	Filter Lot #: 18833- 0 2
Pump Type/Model: \$KC	
Pump Number: 3644	46 Sample Parent ID # <u>ア タ - 00 4</u> タ
PUMP SETUP DAY	12:008
	Timer Beginning Date/Time: 12-19-09
Date: 12-18-09	Beginning Flow Rate (L/min): 300 o
Time: 3: 43 pm	Pump Programmed (Yes / No): Yes
	Bios Calibration Within 10 mL (Yes / No) Yes
PUMP RETRIEVAL DAY	(2:20
	Timer Ending Date/Time: 12-24-09 /2:004
Date: 1 2 - 24-09	Ending Flow Rate (L/min): 3000
Date: 12-24-09 Time: 3:06 pm	Total Sample Volume (L): o F ト O
	Total Sample Time (min): 7 2.00
	Atmospheric pressure (mm Hg): 28.24
	Temperature inside station unit (°F): 39,9 Рипрадовсх
·	
SIGNATURE:	DATE:

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S TA-0057 Station Location: T-1 (Tony's Rental) Sample ID #: Field Technician: Filter Lot #: 18833- 02 Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Pump Number: 36446 Sample Parent ID#: TA - 00 57 PUMP SETUP DAY Timer Beginning Date/Time: 12 - 29 - 09 Beginning Flow Rate (L/min): Date: 12-28-09 Time: 4:26 Pm Pump Programmed (Yes / No): Yes Bios Calibration Within 10 mL (Yes / No) Yes PUMP RETRIEVAL DAY Timer Ending Date/Time: 1-2-10 12:00 mm Date: 1-3-10 Ending Flow Rate (L/min): 3 Total Sample Volume (L): OFLO Time: 2:37 Pm Total Sample Time (min): 7200 Atmospheric pressure (min Hg): 28.12 INS Temperature inside station unit (°F): 4 % . 4 Pume/37 B PX COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault DATE: SIGNATURE:

OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S TA-0057 ADDITIONAL DAILY CHECK RECORDS Station Location: T-1 (Tony's Rental) Sample ID #: Field Technician: Pump Type/Model: SKC AirChek 2000 Filter Lot #: 18833- 02 Pump Number: 36446 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): ~ • Flow Rate (L/min): Date: 12-29-09 (99-) Cumulative Sample Volume (L): 3403 Time: la ,54 pm Cumulative Sample Time (min): 1134 Atmospheric pressure (mm Hg): 27.77 Temperature inside station unit (F): 44,7 Pump 30801 Battery voltage reading (volts): 12, 93 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): ~ o (Field Tech Initials) Date: 12-30-09 (99) Flow Rate (L/min): Time: 615 Z (Cumulative Sample Volume (L): 7717 Cumulative Sample Time (min): 2 5 72 Atmospheric pressure (mm Hg): 27.86 Temperature inside station unit (F): 47,3 Pum P Battery voltage reading (volts): 12.7 he ater-DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Date: 12-31-69 (99) Flow Rate (L/min): Time: 9:50 Am (Cumulative Sample Volume (L): Cumulative Sample Time (min): 3471 Atmospheric pressure (mm Hg): 27,92 Temperature inside station unit (F): 47,9 Pump Battery voltage reading (volts): 12, 64 12. heater-DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Date: 1-1-10 Flow Rate (L/min): Cumulative Sample Volume (L): Time: /2'.00 Pm (Cumulative Sample Time (min): 5040 Atmospheric pressure (mm Hg): 27,19 Temperature inside station unit (F): 51.6 Pump Battery voltage reading (volts): 12.55 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Flow Rate (L/min): Date: 1-2-Time: //:0 2 A m Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): 2 Y Battery voltage reading (volts):

TETRA TECH EM INC.

OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA

			I A-UUDD
Station Location: T-1 (T	ony's Rental)	Sample ID #	
Field Technician: <u></u>		Filter Lot #:	18833- O Z
Pump Type/Model: SKC /	AirChek 2000	Sample Type:	TEM
Pump Number: 36446	<u> </u>	Sample Parent ID #:	TA-0066
MP SETUP DAY			F
		Timer Beginning Date/Time:	1-8-10
Date: 1-7-10		Beginning Flow Rate (L/min):	
Time: 3: 26 pm		mp Programmed (Yes / No):	
		tion Within 10 mL (Yes / No)	
MP RETRIEVAL DAY			
,		Timer Ending Date/Time:	1250m 1/13/
Date: /- /3 - 10		Ending Flow Rate (L/min):	1 - 1/1
Time: 0940 mm		Total Sample Volume (L):	
UTTO M		Total Sample Time (min):	
		8 .	
		Atmospheric Pressure (INS)	
	remper	ature inside station unit (°F):	41.9 PUMP 36 BO
	_		
	2000-2000	19 19 19 19 19 19 19 19 19 19 19 19 19 1	
6 60 MM			
NATURE: (ms/ws/	/	DATE: / - / 3 -	10
MAIURE. MILLINE		DUIT: / / 3 /	

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA ADDITIONAL DAILY CHECK RECORDS

TA-0066

Station Location: T-1 (Tony's Ren	tal) Sample ID
Field Technician:	Filter Lot #: 18833-02
Pump Type/Model: SKC AirChek 20	000
Pump Number: 36446	
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No): 📈 🖸
Date: 1-8-10 (99)	Flow Rate (L/min):
Time: 12',10 Pm()	Cumulative Sample Volume (L): 2189
<u></u>	Cumulative Sample Time (min): 729
	Atmospheric pressure (mm Hg): 28.22
Te	mperature inside station unit (F): 35.9 Pump 22 Box
	Battery voltage reading (volts): 1 2 9 2
	heater - 12,45
DAILY CHECK (For each station visit)	ne Aciti - Izios
(Field Tech Initials)	PUMP FAULT (Yes / No): 📈 o
Date: 1-9-10 (99)	Flow Rate (L/min):
Time: 10,54Am ()	Cumulative Sample Volume (L): 6281
111101 10 13 111111	Cumulative Sample Time (min): 2 9 3
	Atmospheric Pressure (INS) 28.75
Te	mperature inside station unit (F): 39.6 Pump) 26 Bcx
10	Battery voltage reading (volts): 12.75
	h e ater-12.28
DAILY CHECK (For each station visit)	N # 4781-12.20
(Field Tech Initials)	PUMP FAULT (Yes / No): 🗸 🔿
Date: 1-10-11 (99)	Flow Rate (L/min):
Time: 11:57am ()	Cumulative Sample Volume (L): 0 F LO
TI - D /HM	Cumulative Sample Time (min): 3,5 9 7
	Atmospheric Pressure (INS) 27.20
Te	mperature inside station unit (F): 47,994me/3480
	Battery voltage reading (volts): 12.59
DAILY CHECK (For each station visit)	heater - 11.96
(Field Tech Initials)	PUMP FAULT (Yes / No):
Date: 1-11-10 (99)	Flow Rate (L/min):
Time: 7:54Am ()	Cumulative Sample Volume (L): 0 F40
Time: 7.57MM	Cumulative Sample Time (min): 4795
	Atmospheric Pressure (INS)
Tel	mperature inside station unit (F): 49.9 Films / 3760 X
	Battery voltage reading (volts): 12.19
	Dattery voltage reading (volts).
DAILY CHECK (For each station visit)	11177
(Field Tech Initials)	PUMP FAULT (Yes / No):
Date: 1/8/10 (MS)	Flow Rate (L/min):
Time: 11:47 am (mas)	Cumulative Sample Volume (L): OFLO
mas mas	Cumulative Sample Time (min): 6467
	Atmospheric Pressure (INS)
Ты	mperature inside station unit (F): 52.9 (cm², 39 8) ×
16	Battery voltage reading (volts): 12.39
	Hans 11.27
	FT 1-00-11- 111 - 111

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA 5

	TA-0077
Station Location: T-1 (Tony's Rental	
Field Technician:	Filter Lot #: 18833- • 2
Pump Type/Model: SKC AirChek 2000	
Pump Number: <u>36446</u>	Sample Parent ID #: T A - 0 0 7 7
P SETUP DAY	12:00
	Timer Beginning Date/Time: 1-18-16
Date: 1-17-10	Beginning Flow Rate (L/min): 3
	Pump Programmed (Yes / No):
Bios Calib	oration Within 10 mL (Yes / No)
PRETRIEVAL DAY	/2:00
	Timer Ending Date/Time: 1-23-10
Date: 1-23-10	Ending Flow Rate (L/min): 3
Time: 9:23 Am	Total Sample Volume (L): o F L o
	Total Sample Time (min): 7200
14	Atmospheric Pressure (INS) 27.42
Temp	perature inside station unit (°F): 44.8 คหค/3
A. ¥	
4.0	
NATURE: And Ordin	
ATLIDE, // //Mal	DATE: /-2 3-10

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S** TA-0077 ADDITIONAL DAILY CHECK RECORDS Station Location: T-1 (Tony's Rental) Sample ID #: Field Technician: Pump Type/Model: SKC AirChek 2000 Filter Lot #: 18833- 0 2 Pump Number: 36446 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): ~ > Flow Rate (L/min): Date: 1-18-10 Cumulative Sample Volume (L): 2003 Time: 11:08 Am Cumulative Sample Time (min): 667 Atmospheric pressure (mm Hg): 27.44 Temperature inside station unit (F): 54.2 Pump Battery voltage reading (volts): / Z. %7 heater- 12.34 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Date: 1 - 19 - 10 Flow Rate (L/min): Cumulative Sample Volume (L): 6301 Time: 11:00 Am Cumulative Sample Time (min): 2 100 Atmospheric Pressure (INS) 2, 7.3 / Temperature inside station unit (F): 55.1 Pump/4 Battery voltage reading (volts): / Z, 66 heater -11.90 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): No (Field Tech Initials) Flow Rate (L/min): Date: 1-20-10 (99) Cumulative Sample Volume (L): DFLO Time: 1:06 Pm Cumulative Sample Time (min): 3 4 4 4 Atmospheric Pressure (INS) 27.20 Temperature inside station unit (F): 54.2 Pump Battery voltage reading (volts): 12.54 heater - 11.55 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Date: 1 - 21-10 (99) Flow Rate (L/min): Time: 8:24Am(Cumulative Sample Volume (L): DFLO Cumulative Sample Time (min): 4324 Atmospheric Pressure (INS) 2714 Temperature inside station unit (F): 49.5 fune Battery voltage reading (volts): 12.47 heater - 11.07 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Date: 1- 22-10 (98 Flow Rate (L/min): Cumulative Sample Volume (L): of Lo Time: 12',24fm (Cumulative Sample Time (min): 6504 Atmospheric Pressure (INS) 27.00 Temperature inside station unit (F): 40,5 Pum P/32 Box Battery voltage reading (volts): 12.39 heater -

TETRA TECH EM INC.		
OU7 OUTDOOR AMBIENT	AIR - FIELD SAMPLE DATA SH	
Station Location: T- 2	Sample ID #:	TA-0006
Field Technician: MAS JO	Filter ID #:	18833-01
Pump Type/Model: SKC AirChek 20		TEM
Pump Number: 3643a	Sample Parent ID #:	TA-0006
TART DAY		
7	Timer Beginning Time:	12:00 Am
Date: 10/30/09	Beginning Flow Rate (L/min):	3 LPM
Time: 12:000m	Atmospheric pressure (mm Hg):	
	Temperature inside station unit (°F):	
TOP DAY		
1 to	Timer Ending Time:	12:00 Am
Date: 11/4/09	Ending Flow Rate (L/min):	3000
Time: 11:05 m	Total Sample Volume (L):	OFLO
11 - 12	Total Sample Time (min):	6484
	Atmospheric pressure (mm Hg):	28.01
	Temperature inside station unit (°F):	54.30
AILY CHECK (complete separate DAILY CH	HECK for each station visit - addition	al records on back)
(Field Tech Initials)	PUMP FAULT (Yes / No):	Yes
Date: 10/30/09 (9)	Timer Time (min):	342
Time: //: /O Am ()	Flow Rate (L/min):	3000 mL/min
	Cumulative Sample Volume (L):	1027
	Cumulative Sample Time (min):	342
	Atmospheric pressure (mm Hg):	27.73 115
	Temperature inside station unit (°F):	43.80
	Battery voltage reading (volts):	12.72 12.79
OMMENTS: (Please note all photographs take	en, major storm events, vandalism, and	reason for pump fault)
Pump Stopped bec	euse of flow fo	ault Was
INTE STOPFE & DEC	DO VIDE OF THE PROPERTY OF	
going to reprogram	a backup Pum	Pand use
	a backup Pum	Pand use
going to reprogram	ubackup pum	Punduse 1+ Pump 1 as 386. I
going to reprogram	a backup pum	Pand use 1 + Pump 1 as 386. I
going to reprogram	a backup pum cto change or Timer Time w e did not chan	P tind 450 1+ P4 mp 10/31/09
when I went back was running fire left pump a ther	a backup pum cto change or Timer Time w e did not chan	P And 450 1 + Pump 1 as 386. I 1 ge out. 10/31/09

	TRA TECH EM INC.		
	AIR - FIELD SAMPLE DATA SH L DAILY CHECK RECORDS	TA-0006	1
Station Location: T-	Sample ID #:	1 M-0000	
Field Technician:	Filter ID #:	18833-01	
Pump Type/Model: SKC AirChek 20	-	10053-01	
Pump Number: 36432		100	
DAILY CHECK (For each station visit)		TY THE	
(Field Tech Initials)	PUMP FAULT (Yes / No):	20	
Date: 10-131/09 (98)	Timer Time (min):	1704	
Time: 18,03 dm ()	Flow Rate (L/min):	3030	
m 30 T	Cumulative Sample Volume (L):	5113	
F14	Cumulative Sample Time (min):	1704	
	Atmospheric pressure (mm Hg):	2758	
	l emperature inside station unit ("F):	55.2	
	Battery voltage reading (volts):	12.62	
DAILY CHECK (For each station visit)			
(Field Tech Initials)	PUMP FAULT (Yes / No):	NO	
Date: 11/1/09 ()	Timer Time (min):	3428	
Time: 1:45 Em ()	Flow Rate (L/min):	3000	
	Cumulative Sample Volume (L):	OFLO	
	Cumulative Sample Time (min):	3428	
	Atmospheric pressure (mm Hg):	28.09	
	I emperature inside station unit ("F):	58.1 Pump/ 5	5 box
	Battery voltage reading (volts):	12.56	
DAILY CHECK (For each station visit)			
(Field Tech Initials)	PUMP FAULT (Yes / No):	NO	
Date: 11-2-09 (4))	Timer Time (min):	4200	
Time: 3:56 am ()	Flow Rate (L/min):	3000	
	Cumulative Sample Volume (L)	0 F 40	
/2	Cumulative Sample Time (min):	4200	
	Atmospheric pressure (mm Hg):	28.11	
	Lemperature inside station unit (~F):	38.414mp/32	box
	Battery voltage reading (volts):	12.47	
DAILY CHECK (For each station visit)			
(Field Tech Initials)	PUMP FAULT (Yes / No):	VO	
Date: 11-3-09 (4)	Timer Time (min):	5658	
Time: 9:13 Am ()	Flow Rate (L/min):	3000	
10	Cumulative Sample Volume (L):	OFLO	
	Cumulative Sample Time (min):	3658	Say 1
	Atmospheric pressure (mm Hg): I emperature inside station unit ("F):	28110	Park 1
	Battery voltage reading (volts):	38,7 PHMP/34	POX
	, 5	10,73	
DAILY CHECK (For each station visit)	DUMO FALIL T. (Vee / Nev		
(Field Tech Initials)	PUMP FAULT (Yes / No):		
Date: //4/09 (mms)	Timer Time (min):		
Time: //:05m (mg)	Flow Rate (L/min):		
	Cumulative Sample Volume (L):		
	Cumulative Sample Time (min): Atmospheric pressure (mm Hg):		
	I emperature inside station unit ("+):		
	Battery voltage reading (volts):	12.52	
	,	/ 50	l.

TETRA TECH EM INC. OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA SHOP TA-0011 Station Location: T-2 (Fire Station) Sample ID #: Field Technician: Filter Lot #: 18833- A Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Sample Parent ID #: TA-00) Pump Number: 36424 START DAY Timer Beginning Time: 12:00 Am Beginning Flow Rate (L/min): Pump Programmed (Yes / No): Bios Calibration Within 10 mL (Yes / No) STOP DAY Timer Ending Time: 77 Ending Flow Rate (L/min): 3000 Total Sample Volume (L): OFLO Total Sample Time (min): 7 200 Atmospheric pressure (mm Hg): 27,79 Temperature inside station unit (°F): 40.7 Pump DAILY CHECK (complete separate DAILY CHECK for each station visit - additional records on back) (Field Tech Initials) PUMP FAULT (Yes / No): Date: Flow Rate (L/min): Time: Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): Temperature inside station unit (°F): Battery voltage reading (volts): COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault) SIGNATURE: DATE:

TET	TRA TECH EM INC.	
	AIR - FIELD SAMPLE DATA SH L DAILY CHECK RECORDS	TA-0011
Station Location: T-2 (Fire Station) Field Technician:		
Pump Type/Model: SKC AirChek 200 Pump Number: 36424		18633- 0
DAILY CHECK (For each station visit)		
(Field Tech Initials) Date: 1-9-9 (A)) Time: 7:27.6 m ()	PUMP FAULT (Yes / No): Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): I emperature inside station unit (~F): Battery voltage reading (volts):	27,81 45.3 Pump / 38 box
DAILY CHECK (For each station visit)		
Date: 11-10-09 (A)) Time: 2:33 Pm ()	PUMP FAULT (Yes / No): Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): I emperature inside station unit (~h): Battery voltage reading (volts):	NO 3000 6940 2313 27,85 63 FUMP / 56 BOX 12,69
DAILY CHECK (For each station visit)	DUMO FAULT (V (N-))	
Date: 11-11-09 ()	PUMP FAULT (Yes / No): Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): I emperature inside station unit (~F): Battery voltage reading (volts):	27.60 46.2 Pump/4080)
DAILY CHECK (For each station visit)	DUAD FALL T (V (Ale)	
Time: (Field Tech Initials) 7 (Field Tech Initials)	PUMP FAULT (Yes / No): Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): I emperature inside station unit (°F): Battery voltage reading (volts):	NO 3000 0FLO 5165 27.53 50,4 Pump/448 12,48
DAILY CHECK (For each station visit)	DUMP FALLET (Voc / No)	
(Field Tech Initials) Date: 11-13-09 () Time: 2:07 &m ()	PUMP FAULT (Yes / No): Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): Lemperature inside station unit (*F): Battery voltage reading (volts):	

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S ADDITIONAL DAILY CHECK RECORDS

TA-0020

	DAILY CHECK RECORDS
Station Location: T-2 (Fire Station	Sample ID #:
Field Technician:	Filter Lot #: 18833- 0
Pump Type/Model: SKC AirChek 20	00
Pump Number: 36424	
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No): 📈 o
Date: 11-19-09 (99)	Flow Rate (L/min): 3 0 0
Time: 9,08 Am ()	Cumulative Sample Volume (L): 1646
U (175-47)	Cumulative Sample Time (min): 548
	Atmospheric pressure (mm Hg): 27, 66
Те	mperature inside station unit (F): 50, 184 mg/44 Box
	Battery voltage reading (volts): 12,92
	Bulb heater 12.35
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No):
Date: 11-20-09 (997)	Flow Rate (L/min): 3000
Time: 8 ,53 Am ()	Cumulative Sample Volume (L): 5920
	Cumulative Sample Time (min): 1974
	Atmospheric pressure (mm Hg): 27,36
Те	mperature inside station unit (F): 53.0 PH mp 1468 x
	Battery voltage reading (volts): 12,77
	B 41 B 11.90
DAILY CHECK (For each station visit)	DUMP SAULT OVER AN A
(Field Tech Initials)	PUMP FAULT (Yes / No):
Date: 11-21-09 (98)	Flow Rate (L/min): 3000
Time: 4;278m ()	Cumulative Sample Volume (L):
	Cumulative Sample Time (min): 3565
Т-	Atmospheric pressure (mm Hg): 27.62
l le	mperature inside station unit (°F): 54, 18 n m p 4860x
	Battery voltage reading (volts): / 2,6 2
DAILY CHECK (For each station visit)	B41B 2197
(Field Tech Initials)	PUMP FAULT (Yes / No): NO
Date: 1 22-09 (99)	Flow Rate (L/min):
Time: \\25Pm ()	Cumulative Sample Volume (L):
(123/11)	Cumulative Sample Time (min): 5125
	Atmospheric pressure (mm Hg): 27,37
Te	mperature inside station unit (F): 47.5 Pamp / 42 80X
	Battery voltage reading (volts): 72,53
	Bn18 0.65
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No): 🕠 🔾
Date: 11-23-09 (99)	Flow Rate (L/min): 3000
Time: 5'116 Pm ()	Cumulative Sample Volume (L): o FLO
	Cumulative Sample Time (min): 6797
	Atmospheric pressure (mm Hg): 28.02
Te	mperature inside station unit (F): 58.4 Pumb 52 box
	Battery voltage reading (volts): 12.46
	BUIB 200 11,91
	0 - 4

OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S

	IA-0020
Station Location: T-2 (Fire	
Field Technician:	Filter Lot #: 18833- 0
Pump Type/Model: SKC AirC	
Pump Number: 36424	Sample Parent ID #:
PUMP SETUP DAY	
	Timer Beginning Date/Time: 11 - 19 - 09 / 12:00 Am
Date: 11-1%-09	Beginning Flow Rate (L/min):
Date: 11-18-09 Time: 2:57 fm	Pump Programmed (Yes / No):
	Bios Calibration Within 10 mL (Yes / No) Yes
PUMP RETRIEVAL DAY	
TOMINETRIEVAL DAT	Timer Ending Date/Time: 11-24-09/12:00/
Date: 11-24-09	Ending Flow Rate (L/min): 3000
Time: /0'.00 Am	Total Sample Volume (L): OFLO
	Total Sample Time (min): 7 200
	Atmospheric pressure (mm Hg): 27,98
	Temperature inside station unit (°F): 50,5 Pune H8B
-	
SIGNATURE:	DATE:

OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA 5

			IA-0029
Station Location: T-2 (Fire	Station)	Sample ID #:	
Field Technician:	_	Filter Lot #:	
Pump Type/Model: SKC AirC	hek 2000	Sample Type:	TEM
Pump Number: 36424	_	Sample Parent ID #:_	
JMP SETUP DAY			
_		mer Beginning Date/Time:	
Date: 11-28-09	Beg	ginning Flow Rate (L/min):_	2000
Time: 2:03 pm	Pump	Programmed (Yes / No):	Yes
	Bios Calibratio	n Within 10 mL (Yes / No)_	Yes
IMP RETRIEVAL DAY			
P		Timer Ending Date/Time:_	
Date: 12-4-09		Ending Flow Rate (L/min):	
Time: 7:45 4		Total Sample Volume (L):_	
		Total Sample Time (min):_	
		pheric pressure (mm Hg):_	
	Temperatu	ure inside station unit (°F):_	25.2
-			
		-	
GNATURE:		DATF.	

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA** TA-0029 ADDITIONAL DAILY CHECK RECORDS Station Location: T-2 (Fire Station) Sample ID i. Field Technician: // Filter Lot #: 18833-Pump Type/Model: SKC AirChek 2000 Pump Number: 36424 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): NO (Field Tech Initials) Date: 11- 29-09 (99) Flow Rate (L/min): Zooc Cumulative Sample Volume (L): 2 3 6 6 Time: 7:43 pm Cumulative Sample Time (min): 11 % 3 Atmospheric pressure (mm Hg): 2,7, % 2 Temperature inside station unit (F): 48 .0 Pum P Battery voltage reading (volts): 12, % 7 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): ~ o (Field Tech Initials) Flow Rate (L/min): 2000 Date: 11-30-09 Cumulative Sample Volume (L): 4373 Time: 4:37 Pm Cumulative Sample Time (min): 2436 Atmospheric pressure (mm Hg): 27.4% Temperature inside station unit (F): 50.8 Pune 146 Box Battery voltage reading (volts): 12.75 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): 🗸 😊 (Field Tech Initials) Flow Rate (L/min): Zooo Date: 12-1-09 (%) Time: 3',10 Pm Cumulative Sample Volume (L): 75% Z Cumulative Sample Time (min): 3791 Atmospheric pressure (mm Hg): 27.52 Temperature inside station unit (F): 56.794me/4560X Battery voltage reading (volts): 12. 65 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): ~ 0 Date: 12-2-09 (44) Flow Rate (L/min): 200 6 Cumulative Sample Volume (L): 0 F - 0 Cumulative Sample Time (min): 5464 Atmospheric pressure (mm Hg): 27, 90 Temperature inside station unit (F): 33.7 [4 - P] Battery voltage reading (volts): 17.57 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): NO Flow Rate (L/min): Zooo Date: 12 - 3 - 09 Time: 6:478m Cumulative Sample Volume (L): 0 FLO

Cumulative Sample Time (min): 6888
Atmospheric pressure (mm Hg): 27.16

Battery voltage reading (volts): 12, 42

Temperature inside station unit (F): 33 b Pump/26 Box

		FIELD SAMPLE DATA S	TA-0038
Station Location: T-2 (Fire	Station)	Sample ID #:	~
Field Technician:		-/	18833- 0 /
Pump Type/Model: SKC AirC	hek 2000	Sample Type	TEM
Pump Number: <u>36424</u>		Sample Parent ID #:	
MP SETUP DAY			
	3	Timer Beginning Date/Time:	12-9-09 12:00
Date: 12-8-09	Е	Seginning Flow Rate (L/min)	3000
Time: 1', 3 Pm		mp Programmed (Yes / No):	
	Bios Calibra	tion Within 10 mL (Yes / No)	Yes
MP RETRIEVAL DAY			
		Timer Ending Date/Time:	12-14 12:00A
Date: 12-14-09 Time: 5:13 Pm		Ending Flow Rate (⊔/min):	
Time: 5:13Pm		Total Sample Volume (L):	
		Total Sample Time (min):	
	Atm	ospheric pressure (mm Hg):	27,63
	Temper	ature inside station unit (°F)	35.484mp/271
			į n
3			
Ŧ			
			-

		RA TECH EM INC.		
	ADDITIONAL	AIR - FIELD SAMPLE DATA (L DAILY CHECK RECORDS	TA-0038	
	Station Location: T-2 (Fire Statio			u.
ļ	Field Technician:	Filter Lot #: 1	8833- ნ <u></u>	
	Pump Type/Model: SKC AirChek 2	000		
	Pump Number: 36424			
DAILY	CHECK (For each station visit)	DUMP FAULT (May / May)	NO	
	(Field Tech Initials)	PUMP FAULT (Yes / No):		
	Date: 12/9/09 (MAS,)JT	Flow Rate (L/min):	3,000	
	Time: 1632 (ms,) 55	Cumulative Sample Volume (L):	2981	
		Cumulative Sample Time (min):_	993	
		Atmospheric pressure (mm Hg):_	27.80	
]	Т	emperature inside station unit (F):	35.1 / 22 Box	
		Battery voltage reading (volts):_	12.81 / 12.48	HEATER
	0.1501/			
DAILY	CHECK (For each station visit)	DUMB FAULT OVER THEY	er n	
	(Field Tech Initials)	PUMP FAULT (Yes / No):_		
	Date: 12-10-09 (96)	Flow Rate (L/min):		
	Time: 6:321m()	Cumulative Sample Volume (L):		
		Cumulative Sample Time (min):_		
	-	Atmospheric pressure (mm Hg):_		Day
]	· <u>†</u>	emperature inside station unit (F):		Box
		Battery voltage reading (volts):_	12 70 PHMP	
DAILY	CHECK (For each station visit)		1233 Heater	
DAILI	(Field Tech Initials)	PUMP FAULT (Yes / No):		
		Flow Rate (L/min):		
	Date: 12-11-09 (90) Time: 7: 40 pm ()	Cumulative Sample Volume (L):	3000	
	Time. 7, 40 Pm	Cumulative Sample Time (min):		
		Atmospheric pressure (mm Hg):		
	т	emperature inside station unit (F):	26 5 0 0 0 0 0 0	- 1
	1	Battery voltage reading (volts):	13 CC	ox
DAILY	CHECK (For each station visit)	Heater	14,18	·
DAILI	(Field Tech Initials)	PUMP FAULT (Yes / No):		
	Date: 12-12-09 (98)	Flow Rate (L/min):	3000	
	Time: 10:17 Am ()	Cumulative Sample Volume (L):	25.40	
	70.11.1 mm ()	Cumulative Sample Time (min):		
		Atmospheric pressure (mm Hg):		
	т	emperature inside station unit (F):	27 \$ 00 00 12 660	V
	į.	Battery voltage reading (volts): /	7 110	~
		He ater		
DAILY	CHECK (For each station visit)	17E WTEI	2,0/	
	(Field Tech Initials)	PUMP FAULT (Yes / No):	000	
	Date: 12 - 13 - 09 (99-)	Flow Rate (L/min):		
	Time: 21.58 Pm ()	Cumulative Sample Volume (L):	0640	
	- J.O.F.M	Cumulative Sample Time (min):		
		Atmospheric pressure (mm Hg):		
	т	emperature inside station unit (F):	157 Pung/22	POV
		Battery voltage reading (volts):	2 45	
		He a te C		

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA : TA-0049 ADDITIONAL DAILY CHECK RECORDS Station Location: T-2 (Fire Station) Sample ID# Filter Lot #: 18833- 02 Field Technician: 7 Pump Type/Model: 5KC AirChek 2000 Pump Number: 36424 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): ~ 0 (Field Tech Initials) Date: 12 - 19-09 Flow Rate (L/min): 3000 Cumulative Sample Volume (L): 2867 Time: 3:44 Cumulative Sample Time (min): 955 Atmospheric pressure (mm Hg): a 7, なら Temperature inside station unit (F): SS.7 P+mP Battery voltage reading (volts): 」2、87 he ater-12.74 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): _____O (Field Tech Initials) Flow Rate (L/min): 3000 Date: / 2-20-09 (99) Cumulative Sample Volume (L): 43/7 Time: //:048m (Cumulative Sample Time (min): 2 10 5 Atmospheric pressure (mm Hg): 27, 72 Temperature inside station unit (F): 54,1P4me/42 Ge Battery voltage reading (volts): 12,76 hruter- 12,51 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): ~ O (Field Tech Initials) Flow Rate (L/min): 3000 Date: 12-21-09 Time: +) + 6 4 Per د جاند (L): الاحداد Cumulative Sample Volume (L): Cumulative Sample Time (min): 2105# Atmospheric pressure (mm Hg): 2772 Temperature inside station unit (F) 54, 1 August 5784m8 /4580X Battery voltage reading (volts): +2.76 12.66 heater- +==== DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): NO (Field Tech Initials) Flow Rate (L/min): 3000 Cumulative Sample Volume (L): でデム o Cumulative Sample Time (min): 5414 Atmospheric pressure (mm Hg): 27.79 Temperature inside station unit (F): 54.9 Punp / 4460 Battery voltage reading (volts): 12,59 uter-DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): NO Date: 12-23-09 (94) Time: 7:00 Pm () Flow Rate (L/min): 3000 Cumulative Sample Volume (L): GFLO Cumulative Sample Time (min): 6900 Atmospheric pressure (mm Hg): 28// Temperature inside station unit (F): _ 45,1P4mP Battery voltage reading (volts): 12,49 Loutra

11.75

TETRA TECH EM INC.

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S TA-0049 Station Location: T₇2 (Fire Station) Sample ID #: Filter Lot #: 18833- 0 2 Field Technician: Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Pump Number: 36424 Sample Parent ID #: TA-0049 PUMP SETUP DAY 12:000 Timer Beginning Date/Time: 12-19-09 Beginning Flow Rate (L/min): 3000 Date: 12-18-09 Pump Programmed (Yes / No): Yes Time: 3:44em Bios Calibration Within 10 mL (Yes / No) 4e 5 PUMP RETRIEVAL DAY Timer Ending Date/Time: 12-24-09 Ending Flow Rate (L/min): 300 0 Date: 12-24-09 Total Sample Volume (L): ゅドムロ Time: 2:59 Pm Total Sample Time (min): 7 2 00 Atmospheric pressure (mm Hg): スマ, 15 · Temperature inside station unit (°F): 35、リアリック 318 px COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault

DATE:

SIGNATURE:

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S TA-0058** Station Location: T-2 (Fire Station) Sample ID #: Field Technician: Filter Lot #: 18833- 0 2 Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Pump Number: 36424 Sample Parent ID#: TA-005% PUMP SETUP DAY 12',00A~ Timer Beginning Date/Time: 12-29-09 Date: 12 -28-09 Beginning Flow Rate (L/min): Pump Programmed (Yes / No): Time: 4:278m Bios Calibration Within 10 mL (Yes / No) PUMP RETRIEVAL DAY Timer Ending Date/Time: 1-2-10 12:00Am Date: 1-3-10 Ending Flow Rate (L/min): 3 Time: 2:31 Pm Total Sample Volume (L): OFLO Total Sample Time (min): 7200 Atmospheric pressure (min light): 27.98 INS Temperature inside station unit (°F): 43.8 P4mp/41 BOX COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault shaves numo 86.76.275 DATE: SIGNATURE:

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S TA-0058** ADDITIONAL DAILY CHECK RECORDS Station Location: T-2 (Fire Station) Sample ID #: Field Technician: Filter Lot #: 18833- 2 Pump Type/Model: SK& AirChek 2000 Pump Number: 36424 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): ~ 0 (Field Tech Initials) Date: 17 - 29 - 09 (99) Flow Rate (L/min): Time: 6:48 Pm (Cumulative Sample Volume (L): 3383 Cumulative Sample Time (min): 1/27 Atmospheric pressure (mm Hg): 27.62 Temperature inside station unit (F): 43.5 Pump Battery voltage reading (volts): 12, 89 heater- 12.62 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): No (Field Tech Initials) Date: 17-30-09 (99r) Flow Rate (L/min): Cumulative Sample Volume (L): 7 69 6 Time: 6,45 Pm (Cumulative Sample Time (min): 2565 Atmospheric pressure (mm Hg): 27.70 Temperature inside station unit (F): 46.0 Pume Battery voltage reading (volts):) 2, 7 4 heater DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Date: 12-31-09 (997) Flow Rate (L/min): Cumulative Sample Volume (L): Time: 9:45 A ... (Cumulative Sample Time (min): 3466 Atmospheric pressure (mm Hg): 27.79 Temperature inside station unit (F): 46.3 Pump Battery voltage reading (volts): /2, 6 heater-DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Date: 1-1-10 Flow Rate (L/min): Cumulative Sample Volume (L): a F L o Time: 11:53Am (Cumulative Sample Time (min): 5 4 3 44 Atmospheric pressure (mm+fg): Temperature inside station unit (F): Battery voltage reading (volts): /2,59 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): ~ o Date: 1-2-10 Flow Rate (L/min): Time: 10:54 Am Cumulative Sample Volume (L): Cumulative Sample Time (min): 6414 Atmospheric pressure (mm Hg): 2,7,90 Temperature inside station unit (F): 53.3P4mP Battery voltage reading (volts): 1 Z. heater-

	RA TECH EM INC.			
TA 0070	AIR - FIELD SAMPLE DATA (R AMBIENT	OU7 OUTDOO	
TA-0076	DAILY CHECK RECORDS	ADDITIONA		
			Station Location: 1	
18833- 0 2			Field Technician:	
10000 5 2		gur/	Pump Type/Model: 5	
	45.2	6424 7 3 /	Pump Number:	
	23		CHECK (For each s	DAILY
No	PUMP FAULT (Yes / No):	ld Tech Initials		DAIL
3	Flow Rate (L/min):	(99-)	Date: 1 - 10 - 10	
2121	Cumulative Sample Volume (L):	(77)	Time: 11:50 Am	
2131	Cumulative Sample Time (min):	,	11110. 11150 AM	
710	Atmospheric Pressure (INS)			
	emperature inside station unit (F):	-		
44.0 Pume/37BOX	Battery voltage reading (volts):			
9.47	heater -	tation visit)	CHECK (For each s	DAHV
***	PUMP FAULT (Yes / No):	ld Tech Initials		DAIL
NO	Flow Rate (L/min):	(OD \	Date: 1-11-10	
5	Cumulative Sample Volume (L):	(70)	Time: 7:47 Am	
5725	Cumulative Sample Time (min):	()	IIIIc. 1177Am	
1909	The second control of the second seco			
28.02	Atmospheric Pressure (INS) emperature inside station unit (F):	_		
51.9 Pump 38 BOX				
12.70	Battery voltage reading (volts):			
12.37	heuter -	tation visit)	CHECK (For each s	DAILV
	PUMP FAULT (Yes / No):	ld Tech Initials		DAILI
3	Flow Rate (L/min):	(04)		
	Cumulative Sample Volume (L):	(99)	Date: 1-12-10 Time: 11', 38	
OFLO		()	inne. 11, 38	1
	Cumulative Sample Time (min):			
27.71	Atmospheric Pressure (INS)	-		
	emperature inside station unit (F):			
12.56	Battery voltage reading (volts):			
12.12	heater -	tation violt\	CHECK (For each s	DAILV
NO	PUMP FAULT (Yes / No):	ld Tech Initials)	•	PAILI
3	Flow Rate (L/min):	(AA \		
OFLO	Cumulative Sample Volume (L):	(47)		
		(mas)	Time: 0932	
4,893	Cumulative Sample Time (min):			
27.81	Atmospheric Pressure (INS)_ emperature inside station unit (F):	7		
55.9 PUMP 42 BD)	• • • • • • • • • • • • • • • • • • • •			
12.47	Battery voltage reading (volts):			
11.92	HOMER	tation vieit\	CHECK (For each s	ח∆וו ∨
10	PUMP FAULT (Yes / No):	d Tech Initials)		DAILT
NO	Flow Rate (L/min):	(GOV)	- .	
of LO	Cumulative Sample Volume (L):	(74)	1 1 1 -	
4.0	· · · · · · · · · · · · · · · · · · ·	()	lime: 6:42 Pm	
6882	Cumulative Sample Time (min):_ Atmospheric Pressure (INS)			
28.13		9		
59.1 Pump/4580)	emperature inside station unit (F):	1		
1242	Battery voltage reading (volts):			
11.01	heater-			

OU7 OUTDOOR AMBIENT AIR - I	FIELD SAMPLE DATA S
	TA-0076
Station Location: T-2 (Fire Station)	Sample ID #:
Field Technician:	Filter Lot #: 18833- 0 2
Pump Type/Model: SKC AirChek 2000	Sample Type: TEM
Pump Number: <u>36423</u>	Sample Parent ID#: TA-0076
PUMP SETUP DAY	12:00 8m
-	Timer Beginning Date/Time: 1 - 10 - 10
Date: 1-9-10	eginning Flow Rate (L/min): 3
Time: 11:49 am Pur	mp Programmed (Yes / No): Yes
Bios Calibrat	ion Within 10 mL (Yes / No) <u>Yes</u>
PUMP RETRIEVAL DAY	12:00 Am
	Timer Ending Date/Time: 1-14-10
Date: 1-15-10	Ending Flow Rate (L/min):3
Date: <u>1 - 1 5 - 1 0</u> Time: <u>10 : 5 4 A m</u>	Total Sample Volume (L):
	Total Sample Time (min): 720 0
/	Atmospheric Pressure (INS) Z 6 . 0)
Tempera	ature inside station unit (°F): 54. Z Pume / 41 B ox
COMMENTS: (Please note all photographs taken, n	 najor storm events, vandalism, and reason for pump faulf
Pump failure on fir	st daily check took
Rume back to office	Checked out salibration
and schedules lacked	fine cown landed what
eume history there was	Took pump bruckout
to station. Pumpfai	luce on second deile
check. Brought Pum	p brek to office.
Ft-Placed Pume with	backup Pump (serial#
36423) (down loaded secon	
Onficet Pumpfai	luce I ceelaced sample
cassette TA 0067 wi-	+ LTAOO75. On second
failuse & septement	Sample cassette TA.
0075 with TA0076	. (old sample cassetts were
vailed	
Variety)	
Henter battery des	d, changed out with
tully charged butter	4 (1/8/10 MC)
SIGNATURE: Jungordan	DATE: 1-8-10/1-9-10/1-10-10/1 -15-10
, 5)	/ /

OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA 5 __ _ _

	TA-0078
Station Location: T-2 (Fire	
Field Technician:	Filter Lot #: 18833- 0 2
Pump Type/Model: SKC Air (
Pump Number: <u>36423</u>	Sample Parent ID #: TR - 0078
PUMP SETUP DAY	12:008
	Timer Beginning Date/Time: 1 - 18 - 10
Date: 1-17-10	Beginning Flow Rate (L/min):
Time: 2:56Pm	Pump Programmed (Yes / No): 9+5
	Bios Calibration Within 10 mL (Yes / No) Yes
PUMP RETRIEVAL DAY	f 121000
	Timer Ending Date/Time: 1-23-10
Date: 1-23-10	Ending Flow Rate (L/min):
Time: 9',33 Am	Total Sample Volume (L): OFLO
	Total Sample Time (min): 7200
	Atmospheric Pressure (INS) 27,41
	Temperature inside station unit (°F): 39,9P4mP / 33 B
	raphs taken, major storm events, vandalism, and reason for pump fat
1/1	DATE: 1 - 3 D 3 1 -
SIGNATURE: Ang Midn	DATE: 1-23-10

TETRA TECH EM INC.	
OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA : TA OOTO	
ADDITIONAL DAILY CHECK RECORDS TA-0078	
Station Location: T-2 (Fire Station) Sample ID #:	
Field Technician: A Filter Lot #: 18833- O Z	
Pump Type/Model: SKC AirChek 2000	
Pump Number: 36423	
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT (Yes / No):	
Date: 1-15-10 44) Flow Rate (L/min):3	
Time: 11:03 Am () Cumulative Sample Volume (L): 1990	
Cumulative Sample Time (min): b63	
Atmospheric Pressure (INS) 2 7 . 58	
Temperature inside station unit (F): 59.4 Pump 45	BOX
Battery voltage reading (volts): 12.87	
heater-12.56	
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT (Yes / No):	
Date: 1-19-10 (99-) Flow Rate (L/min): 3	
Time: Cumulative Sample Volume (L): 6322	
Cumulative Sample Time (min): 2107	
Atmospheric Pressure (INS) 27.44	2
	BOX
Battery voltage reading (volts): 12, 68	
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT (Yes / No):	
Date: 1-20-10 (49) Flow Rate (L/min):3	
Time: Cumulative Sample Volume (L):	
Cumulative Sample Time (min): 3 6 6 /	
Atmospheric Pressure (INS) 2 7 3 5	
Temperature inside station unit (F): 57.8 P4mP/436	301
Battery voltage reading (volts): 12.57	3 U X
heater - 11.89	
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT (Yes / No):	
Date: 1- 21-10 (49) Flow Rate (L/min):	
Time: 8:36Am () Cumulative Sample Volume (L): 6 F LO	
Cumulative Sample Time (min): 473 6	
Atmospheric Pressure (INS) 27.25	
Temperature inside station unit (F): 50.4Pnme/3680	×
Battery voltage reading (volts): 12.50	
heater 11.66	
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT (Yes / No):	
Date: 1-22-10 (f) Flow Rate (L/min):	
Time: 121188m () Cumulative Sample Volume (L): 0 FL 0	
Cumulative Sample Time (min): 4498	
Atmospheric Pressure (INS) 27.19 Temperature inside station unit (F): 52.294mP/398	V
Battery voltage reading (volts): 12.43	X
heatec - 11.14	
108111 11111	

OU7 OUTDOOR AMBIENT	TRA TECH EM INC. AIR - FIELD SAMPLE DATA SH	TA 0008	100
	L DAILY CHECK RECORDS	TA-0008	
Station Location: T-	Sample ID #		
Pump Type/Model: SKC AirChek 20	Filter ID #:	18833-01	
Pump Number:			
AILY CHECK (For each station visit)	1	23 3440	4
(Field Tech Initials)	PUMP FAULT (Yes / No):		
Date: 10/31/09 (D)	Timer Time (min):	No	
Time: 10/3/104	Flow Rate (L/min):	2061	
10 21 Am	Cumulative Sample Volume (L):	6184	
	Cumulative Sample Time (min):	2061	
	Atmospheric pressure (mm Hg):	37 10	
	l emperature inside station unit ("F):	579	
	Battery voltage reading (volts):	12 61	
		12.01	
AILY CHECK (For each station visit)			1
(Field Tech Initials)	PUMP FAULT (Yes / No):	NO	
Date: 11-01-09 (97)	Timer Time (min):	3741	
Time: 1: Z Z 8m ()	Flow Rate (L/min):	3000	
	Cumulative Sample Volume (L):	OFLO	
	Cumulative Sample Time (min):	3741	
	Atmospheric pressure (mm Hg):	28,13	
	l emperature inside station unit ("F):	65.1 PHMP/	\$6 box
	Battery voltage reading (volts):	12.46	
AILY CHECK (For each station visit)	DUMP FALLT (Voc./ No.):	5.00	
(Field Tech Initials)	PUMP FAULT (Yes / No): Timer Time (min):	NO	
Date: 11-2-09 (97)	Flow Rate (L/min):	4931	
Time: 9, 10 Am ()		3000	
	Cumulative Sample Volume (L): Cumulative Sample Time (min):	0 F LO	-
	Atmospheric pressure (mm Hg):	7 7	-
	Lemperature inside station unit ("F):	28.08	3360
	Battery voltage reading (volts):	12.46	3300
		2.76	
AILY CHECK (For each station visit)			1
(Field Tech Initials)	PUMP FAULT (Yes / No):	~0	
Date: 11-3-09 (9-)	Timer Time (min):	6390	
Time: 9', 29 pm ()	Flow Rate (L/min):	3000	
1.27.033	Cumulative Sample Volume (L):	OFLO	
	Cumulative Sample Time (min):	6390	
	Atmospheric pressure (mm Hg):	28.08	1
	l emperature inside station unit ("F):	41.9 Pump/32	&OX
	Battery voltage reading (volts):	12.41	
			4
AILY CHECK (For each station visit)	PUMP FAULT (Yes / No):		
(Field Tech Initials)	Timer Time (min):		
111910)	Flow Rate (L/min):		
Time: //:2000 (mg)	Cumulative Sample Volume (L):		
	Cumulative Sample Voidine (L). Cumulative Sample Time (min):		150
	Atmospheric pressure (mm Hg):		
	Temperature inside station unit ("F):		
	Battery voltage reading (volts):		
		1 30.0 []	1

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	TRA TECH EM INC. AIR - FIELD SAMPLE DATA SH	JEET (ESDS)
OUT OUTDOOK AWBIENT	AIR - FIELD SAIVIPLE DATA SE	
Station Location: T- 3	Sample ID #:	TA-0008
Field Technician: mas J	Filter ID #:	18833 -01
Pump Type/Model: SKC AirChek 20	00 Sample Type:	TEM
Pump Number: 36442	Sample Parent ID #:	TA-0008
START DAY		
- 1 - 1	Timer Beginning Time:	12:00 Am
Date: 10/30/09	Beginning Flow Rate (L/min):	3 LPM
Time: /2:00 Am	Atmospheric pressure (mm Hg):	141
	Temperature inside station unit (°F):	
OTOD DAY		
STOP DAY	Timor Ending Times	7
Date:	Timer Ending Time: Ending Flow Rate (L/min):	12:00 AM
Time: // 3C a	Total Sample Volume (L):	3000
//: 20 m		OFLO
	Total Sample Time (min):	7200
	Atmospheric pressure (mm Hg): Temperature inside station unit (°F):	28.02
	remperatore more station and (1).	54.60
DAILY CHECK (complete separate DAILY CH	HECK for each station visit - addition	nal records on back)
(Field Tech Initials)	PUMP FAULT (Yes / No):	NO
Date: 10/30/09 (97)	Timer Time (min):	689
Time: //: 30 am ()	Flow Rate (L/min):	3000 m L/min
	Cumulative Sample Volume (L):	2070
	Cumulative Sample Time (min):	689
	Atmospheric pressure (mm Hg):	27.69 ins
	Temperature inside station unit (°F):	50.8°
	Battery voltage reading (volts):	12,75
		A 3 4 8 7 8 1 1 4
COMMENTS: (Please note all photographs take		
Added Store thermome	ter inside box 10/3/	1/09
53		
SIGNATURE:	DATE:	

OUZ OUTDOOD AT	TETRA TECH E		
Station Location: T-3 (Wa	MBIENT AIR - FIELD	Sample ID #:	TA-0012
Field Technician:	- Treatment 3	Filter Lot #:	
Pump Type/Model: SKC Air	Chek 2000	Sample Type:	0
Pump Number: 36442		Sample Parent ID #:	
		oumple i arent ib #.	TH . 0012
START DAY			
		Timer Beginning Time:	12 10
Date: 11- 9-09		ning Flow Rate (L/min):	12:00Am
Time: 12:00 A m		ogrammed (Yes / No):	3000
72.33 H		/ithin 10 mL (Yes / No)	Yes
		101112 (1637110)	465
STOP DAY			h
		Timer Ending Time:	7-200 12:00Am
Date: 11-14-09	End	ing Flow Rate (L/min):	3000
Time: 3113 Pm		al Sample Volume (L):	OFLO
		al Sample Time (min):	
		ric pressure (mm Hg):	27.88
		inside station unit (°F):	40,2 PHMP/3980X
DAILY CHECK (complete separate D	AILY CHECK for each	station visit - additior	nal records on back)
(Field Tech		MP FAULT (Yes / No):	entronia de las comencias desenvas entronias entronias de la comencia del la comencia de la comencia del la comencia de la comencia del la comencia de la comencia de la comencia de la comencia de la co
Date:)	Flow Rate (L/min):	
Time: (Cumulativ	e Sample Volume (L):	
	Cumulativ	e Sample Time (min):	
		ric pressure (mm Hg):	
	5.	nside station unit (°F):	
	Battery v	voltage reading (volts):	
COMMENTS: (Please note all photogra	aphs taken, major storm	events, vandalism, and	d reason for pump fault)
SIGNATURE:	I	DATE:	

	TRA TECH EM INC.	
	AIR - FIELD SAMPLE DATA SF L DAILY CHECK RECORDS	TA-0012
Station Location: T-3 (Water Treati	ment S Sample ID #	·C
Field Technician:	Filter Lot #:	18833- 01
Pump Type/Model: SKC AirChek 200	00	
Pump Number: 36442		
DAILY CHECK (For each station visit)		_
(Field Tech Initials)	PUMP FAULT (Yes / No):	10
Date: $11-9-09$ (91)	Flow Rate (L/min):	3000
Time: 7:12 Am ()	Cumulative Sample Volume (L):	\$ 1295
	Cumulative Sample Time (min):	431
TA CONTRACTOR OF THE CONTRACTO	Atmospheric pressure (mm Hg):	27.82
	l'emperature inside station unit (°F):	44.1 Phmp / 34 box
	Battery voltage reading (volts):	12.94
DAILY CHECK (For each station visit)		
(Field Tech Initials)	PUMP FAULT (Yes / No):	
Date: 1-10-09 (%))	Flow Rate (L/min):	3000
Time: 2:52 pm ()	Cumulative Sample Volume (L):	6997
a.321m	Cumulative Sample Time (min):	2332
	Atmospheric pressure (mm Hg):	27.91
	Lemperature inside station unit (~⊢):	62 1 Pump 52 BOX
	Battery voltage reading (volts):	12,74
DAILY CHECK (For each station visit) (Field Tech Initials)	PUMP FAULT (Yes / No):	
5 / M \	Flow Rate (L/min):	NO
Time:	Cumulative Sample Volume (L):	3000 0FL0
11me: 1/:05 Am	Cumulative Sample Time (min):	3544
	Atmospheric pressure (mm Hg):	27.64
	I emperature inside station unit ("F):	
	Battery voltage reading (volts):	12.62
DAILY CHECK (For each station visit)	DUMP FALLT (Yes / No):	
(Field Tech Initials)	PUMP FAULT (Yes / No): Flow Rate (L/min):	<i>∾</i> o
Date: 11-12-09 (\$\mathbb{G}\) Time: 2 12 7 2 - ()	Cumulative Sample Volume (L):	3000 0FL0
1111e. 2:22pm	Cumulative Sample Time (min):	
	Atmospheric pressure (mm Hg):	3759
	remperature inside station unit ("F):	53.2 PHMP/4380
	Battery voltage reading (volts):	12,52
DAILY CHECK (For each station visit)	DUMP FALLET (Vec / Ne)	
(Field Tech Initials)	PUMP FAULT (Yes / No): Flow Rate (L/min):	×0
Date: 11-13-09 (49)	Cumulative Sample Volume (L):	3000
Time: 1,52 pm ()		
	Cumulative Sample Time (min): Atmospheric pressure (mm Hg):	
	Temperature inside station unit (*F):	
	Battery voltage reading (volts):	101

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S ADDITIONAL DAILY CHECK RECORDS

TA-0021

Station Location: T-3 (Water Tre	atment Station) Sample ID #:
Field Technician:	Filter Lot #: 18833- 0 /
Pump Type/Model: SKC AirChek 2	2000
Pump Number: 36442	
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No): 📈 🗸 👞
Date: 11-19-09 (9-97)	Flow Rate (L/min): 3000
Time: 9', 2 3 Am ()	Cumulative Sample Volume (L): 1690
	Cumulative Sample Time (min): 563
	Atmospheric pressure (mm Hg): 27.72
Т	emperature inside station unit (F): 43, 2 Pump /32 Bo)
	Battery voltage reading (volts): 12.57
	3 3 3 4 4 5 7
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No): 📈 😙
Date: -20-09 (99)	Flow Rate (L/min):
Time: 9 ,0% Am ()	Cumulative Sample Volume (L): 5'964
1.00 Hz	Cumulative Sample Time (min): 1988
	Atmospheric pressure (mm Hg): 27,42
Т	emperature inside station unit (F): 45,3 P4 m f/35 & X
,	Battery voltage reading (volts): 12 72
	buttery voltage reduing (volta).
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No):
Date: 11+21-09 (99)	
Time: 4;40 Pm ()	Cumulative Sample Volume (L):
	Cumulative Sample Time (min): 3780
	Atmospheric pressure (mm Hg): 27,69
_	emperature inside station unit (F): 5/, 3 Ph m P / 40 80 X
1	Battery voltage reading (volts): / 2 .//
	battery voltage reading (volts).
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No): 📈 🛇
Date: 11-22-09 (98)	Flow Rate (L/min): 3 = 0
Time: \ \ 3 \ 2 \ ()	Cumulative Sample Volume (L):
1. 1. 2. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	Cumulative Sample Time (min): 5/3%
	Atmospheric pressure (mm Hg): 2 7, 41
Т.	emperature inside station unit (F): 46.4 Pune /358
1,	Battery voltage reading (volts): 12 54
	battery voltage reading (volto).
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No):
Date: 1/23-09 (98)	Flow Rate (L/min): 3000
Time: 5'338m ()	Cumulative Sample Volume (L): 0 F 4 0
3/33/15	Cumulative Sample Time (min): 68/3
	Atmospheric pressure (mm Hg): 28,08
Т.	emperature inside station unit (F):
1	Battery voltage reading (volts): 12 _ 43
	Sales, tollage rodding (tolla).

OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA SH

Station Location: T-3 (Wa	
Field Technician:	Filter Lot #: 18833- 0 /
Pump Type/Model: SKC Ai	rChek 2000 Sample Type: TEM
Pump Number: <u>36442</u>	Sample Parent ID #:
PUMP SETUP DAY	
D . (1)	Timer Beginning Date/Time: 11-19-09 / 12:00 A
Date: 11-18-09 Time: 2'.5 8 Pm	Beginning Flow Rate (L/min): 3000
Time: 2.5% Pm	Pump Programmed (Yes / No): Yes
	Bios Calibration Within 10 mL (Yes / No)
PUMP RETRIEVAL DAY	
	Timer Ending Date/Time: 11-2 学 -/2;00分m
Date: 11-24-09	Ending Flow Rate (L/min): 3000
Time: 10 . 18 Am	Total Sample Volume (L): 0 F ∠ 0
	Total Sample Time (min): フスッッ
	Atmospheric pressure (mm Hg): 27,05
	Temperature inside station unit (°F): 42.8 Pump/ 35 8
COMMENTS: (Please note all photog	graphs taken, major storm events, vandalism, and reason for pump fault
	
	
	-
RIGNATURE:	DATE

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA?** TA-0030 Station Location: T-3 (Water Treatment Station) Sample ID # Field Technician: Qa Filter Lot #: 18833- 0) Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Pump Number: 36442 Sample Parent ID #: PUMP SETUP DAY Timer Beginning Date/Time: 11-29-09/12:00A Beginning Flow Rate (L/min): Date: 11-28-09 Time: 2:02 8m Pump Programmed (Yes / No): Yes Bios Calibration Within 10 mL (Yes / No) PUMP RETRIEVAL DAY Timer Ending Date/Time: 12-4 12:00 Am Date: 12-4-09 Ending Flow Rate (L/min): 2.000 Total Sample Volume (L): Time: 8:29 Am Total Sample Time (min): 7 200 Atmospheric pressure (mm Hg): 27.56 Temperature inside station unit (°F): Z & Pum P COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault

DATE:

SIGNATURE:

TETRA TECH EM INC. **OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA!** TA-0030 ADDITIONAL DAILY CHECK RECORDS Station Location: T-3 (Water Treatment Station) Sample ID # Field Technician: Filter Lot #: 18833- 0 1 Pump Type/Model: SKC AirChek 2000 Pump Number: 36442 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): ~~ (Field Tech Initials) Flow Rate (L/min): Zooo Date: 11-29-09 Cumulative Sample Volume (L): 2334 Time: 7:27Pm Cumulative Sample Time (min):) 1 66 Atmospheric pressure (mm Hg): 27,8% Temperature inside station unit (F): 45,1 Pumpl Battery voltage reading (volts): 12, 39 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Flow Rate (L/min): 2000 (a9) Date: 11-30-09 Cumulative Sample Volume (L): 4899 Time: 4:49 8m Cumulative Sample Time (min): 2449 Atmospheric pressure (mm Hg): 27.56 Temperature inside station unit (F): 51,7 Pum e/ Battery voltage reading (volts): 12, 78 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): ~ 0 Date: 12-1-09 (99) Flow Rate (L/min): Z.000 Time: 3'. 268m (Cumulative Sample Volume (L): 7613 Cumulative Sample Time (min): 3506 Atmospheric pressure (mm Hg): 27.89 Temperature inside station unit (F): 5000 4m P/ Battery voltage reading (volts): 12, 69 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Date: 12-2-09 (99) Flow Rate (L/min): 2000 Time: 6: 470m Cumulative Sample Volume (L): 6 F L D Cumulative Sample Time (min): 5448 Atmospheric pressure (mm Hg): 27.94 Temperature inside station unit (F): 33,0 PH mp Battery voltage reading (volts): 12.60 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): VO (Field Tech Initials) Flow Rate (L/min): Zoos Date: /2-3-09 Time: 7:60Pm Cumulative Sample Volume (L): 0 FL 0 Cumulative Sample Time (min): 6901 Atmospheric pressure (mm Hg): 27.90 Temperature inside station unit (F): 3 2.4 Pune Battery voltage reading (volts): / 2,53

TETRA TECH EM INC.	
OU7 OUTDOOR AMBIENT AIR - FIELD SAMPL	E DATA E TODO
ADDITIONAL DAILY CHECK RE	CORDS TA-0047
	ample ID #
	Filter Lot #: 18833-
Pump Type/Model: SKC AirChek 2000	
Pump Number: 364 64	
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT	(Yes / No): 🗸 🔾
	ate (L/min): 3065
Time: 7:23 Pm () Cumulative Sample	Volume (L): /6 ≤ /
	Time (min): 55 °
Atmospheric pressur	re (mm Hg): 2 1.43
Temperature inside stati	on unit (F): 41,6 PHMP
Battery voltage rea	ding (volts): 12,90 Pump 4.5064/1
,	/
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT	(Yes / No):
Date: 12-12-09 (96) Flow R	ate (L/min):
	Volume (L): 3603
	Time (min): 1201
	re (mm Hg): 27.40
Temperature inside stati	
	ding (volts): 12.79
DAILY CUTCK (Forest et l'andre de l'antery B 411	3 12.97
DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT	(Yes / No): V
	ate (:/min): Volume (L): \$662
	Time (min): 2 % 7
	re (mm Hg): 2 7.35
Temperature inside station	on unit (F): < >
Battery voltage rea	ding (volts): 1 2 , 6 8
	118 12,38
DAILY CHECK (For each station visit)	115
	(Yes / No): 📈 G
	ate (L/min): 3000
	Volume (L): 0 F 40
Cumulative Sample	
Atmospheric pressur	
Temperature inside stati	on unit (F): 48,184m8
Battery voltage rea	ding (volts): 12, 57
Ви	1B 12,00
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT	(Yes / No):
	ate (L/min): 300 o
771	Volume (L): oFLO
	Time (min): 5 7 57
	re (mm Hg): 2 7.66
Temperature inside stati	
Battery voltage rea	aing (volts): / 2.63
P la 1	11:00

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA** TA-0047 Station Location: T-3 (Water Treatment Station) Sample ID # Field Technician: Mas / JJ Filter Lot #: 18833-Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Pump Number: 36484 Sample Parent ID #: TA - 0047 PUMP SETUP DAY 12/11/09 Timer Beginning Date/Time: Date: 12/10/09 Beginning Flow Rate (L/min): Pump Programmed (Yes / No): YES Bios Calibration Within 10 mL (Yes / No) YES PUMP RETRIEVAL DAY Timer Ending Date/Time: 12-16 17:00 Am Date: 12-16-09 Ending Flow Rate (L/min): 3 0 0 0 Time: (1)7 Pm Total Sample Volume (L): Total Sample Time (min): 7 2 9 0 Atmospheric pressure (mm Hg): 27.71 Temperature inside station unit (°F): 45 COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault Replaced by 16 battery 12-17-09 Second Battery for by 16 b dead

DATE:

SIGNATURE:

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S** TA-0050 ADDITIONAL DAILY CHECK RECORDS Station Location: T-3 (Water Treatment Station) Sample ID #: Field Technician: 7/2 Filter Lot #: 18833- 0 2 Pump Type/Model: SKC AirChek 2000 Pump Number: 36494 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): ~ o (Field Tech Initials) Flow Rate (L/min): 3 Date: 12-19-09 Cumulative Sample Volume (L): 2514 Time: 3:35 Fm Cumulative Sample Time (min): 73% Atmospheric pressure (mm Hg): 27.50 Temperature inside station unit (F): 60.2 Ported Battery voltage reading (volts): 12,94 heater -12.86 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): ~ • Flow Rate (L/min): 3 Date: 12 -20-09) Cumulative Sample Volume (L): 6248 Time: 10:49 Am(Cumulative Sample Time (min): 2059 Atmospheric pressure (mm Hg): 27.68 Temperature inside station unit (F): 58.3 Battery voltage reading (volts): 12. henter-DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Date: 17-21-09 (4) Flow Rate (L/min): 3 Time: 5 '.3 4 m (Cumulative Sample Volume (L): 0 F LO Cumulative Sample Time (min): 3934 Atmospheric pressure (mm Hg): 27,38 Battery voltage reading (volts): 12.63 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Flow Rate (L/min): Date: 12-22-09 (SG) Time: 6:29 Pm Cumulative Sample Volume (L): Cumulative Sample Time (min): 5429 Atmospheric pressure (mm Hg): 27. Temperature inside station unit (F): 58.3 Battery voltage reading (volts): /2.55 heater-DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Flow Rate (L/min): Date: 12-2 Time: 7:168m (Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): 28,07 Temperature inside station unit (F): 49.9 PhmP Battery voltage reading (volts): 12.46 heater-

OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA 5

		LO OF IMIT LL DATA	TA-0050
Station Location: T-3 (V	Vater Treatment Sta	ation) Sample ID #:	.,, 0000
Field Technician:		Filter Lot #:	18833- 02
Pump Type/Model: SKC	AirChek 2000	Sample Type:	TEM
Pump Number:	36484	Sample Parent ID #:	TA-0050
PUMP SETUP DAY			
	Tim	er Beginning Date/Time:	12-19-09 12:00AM
Date: 12-18-09	Begi	nning Flow Rate (L/min):	3. ,
Time: 3:45 Am	Pump I	Programmed (Yes / No):	405
	Bios Calibration	Within 10 mL (Yes / No)	Yes
PUMP RETRIEVAL DAY			12:00Am
	Т	imer Ending Date/Time:	12-24-09
Date: 12 - 24-09		nding Flow Rate (L/min):	
Time: 3;17 Pm		otal Sample Volume (L):	
		otal Sample Time (min):	
		heric pressure (mm Hg):	
-		e inside station unit (°F):	
	_		
		-	
Notes:			
N. D. 1 4	a puli v av	7.2.1 42.47	
On December 9, 200 So Sini	ur lepland ur lepland u number.	it with the pu	up with this
BIGNATURE: Note by Mid	hell Cartan	DATE: 31 bec. 09	

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S TA-0059 Station Location: T-3 (Water Treatment Station) Sample ID #: Field Technician: Filter Lot #: 18833- 02 Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Pump Number: 36442 36454 Sample Parent ID#: TA - 0059 PUMP SETUP DAY Timer Beginning Date/Time: 12 - 29 - 09 Date: 12-28-09 Beginning Flow Rate (L/min): Time: 4:28 Pump Programmed (Yes / No): $\forall \neq \leq$ Bios Calibration Within 10 mL (Yes / No) 9e 5 PUMP RETRIEVAL DAY Timer Ending Date/Time: 1-2-10 Date: 1 - 3 - 10 Ending Flow Rate (L/min): 3 Total Sample Volume (L): 0 F LO Total Sample Time (min): 7200 Atmospheric pressure (mm Hg): 28.00 ± Temperature inside station unit (°F): 49.8 COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault 19-1-16年 44 DATE: SIGNATURE:

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA! TA-0059** ADDITIONAL DAILY CHECK RECORDS Station Location: T-3 (Water Treatment Station) Sample ID #: Field Technician: Filter Lot #: 18833- 62 Pump Type/Model: SKC AirChek 2000 Pump Number: 36442 36484 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): ~ (Field Tech Initials) Date: /2- 29-09 (99) Flow Rate (L/min): Cumulative Sample Volume (L): 343 } Time: 7:04Pm Cumulative Sample Time (min): 11 44 Atmospheric pressure (mm Hg): 27,64 ins Temperature inside station unit (F): 5/1 Battery voltage reading (volts): 12 91 heater-DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Date: 12-30-09 (46) Flow Rate (L/min): Time: 7:07 Cumulative Sample Volume (L): Cumulative Sample Time (min): 2 6 Atmospheric pressure (mm Hg): 27.73 Temperature inside station unit (F): 53, Battery voltage reading (volts): 12. heuter - 12 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Flow Rate (L/min): Date: 12-31-01 Cumulative Sample Volume (L): Time: 10:00 Am Cumulative Sample Time (min): 3# %0 Atmospheric pressure (mm Hg): 2 7.7 Temperature inside station unit (F): 54. Z Battery voltage reading (volts): 12.66 heater- 12/2 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Flow Rate (L/min): Date: 1 Time: 12 Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): 27 70 Temperature inside station unit (F): 5 9.9 Battery voltage reading (volts): henter-DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): No Flow Rate (L/min): Date: 1-7-10)

Cumulative Sample Volume (L):

Cumulative Sample Time (min):

Atmospheric pressure (mm Hg): Temperature inside station unit (F): Battery voltage reading (volts):

heater-

OFAD

6433

Time: 11:12 Am

OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S' ______

Station Location: T-3 (Wa Field Technician:	ter Treatment Station) Sample ID #: Filter Lot #: 18833- 0 2
Pump Type/Model: SKC Air	
Pump Number: 36484	Sample Parent ID #: 7 A - 00 7 9
SETUP DAY	12:00
	Timer Beginning Date/Time: 1 - 18 - 10
Date: 1-17-10	Beginning Flow Rate (L/min):
ime: 2:57 Pm	Pump Programmed (Yes / No):
	Bios Calibration Within 10 mL (Yes / No) Yes
RETRIEVAL DAY	
	Timer Ending Date/Time: 1-23 -/0
Date: 1-23-10	Ending Flow Rate (L/min):
ime: 9:12	Total Sample Volume (L): 0 F LO
	Total Sample Time (min): 7200
	Atmospheric Pressure (INS) 27.28
	remperature inside station unit (°F): 52.5 pump 36 graphs taken, major storm events, vandalism, and reason for pump fa
	graphs taken, major storm events, vandalism, and reason for pump fa
	graphs taken, major storm events, vandalism, and reason for pump fa
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	graphs taken, major storm events, vandalism, and reason for pump fa
	graphs taken, major storm events, vandalism, and reason for pump fa
	graphs taken, major storm events, vandalism, and reason for pump fa

TETRA TECH EM INC. OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S **TA-0079** ADDITIONAL DAILY CHECK RECORDS Station Location: T-3 (Water Treatment Station) Sample ID #: Field Technician: (26) Pump Type/Model: SKC AirChek 2000 Filter Lot #: 18833-0 2 Pump Number: 36442 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): No (Field Tech Initials) Date: 1-18 - 10 Flow Rate (L/min): Cumulative Sample Volume (L): 2 03 4 Time: 11:18 Am (Cumulative Sample Time (min): 677 Atmospheric Pressure (INS) 27.37 Temperature inside station unit (F): 62,8 Pump Battery voltage reading (volts): 12.86 heuter -DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Flow Rate (L/min): Date: 1-19-10 Cumulative Sample Volume (L): 6280 Time: 10:53 Am(Cumulative Sample Time (min): 2093 Atmospheric Pressure (INS) 27.23 Temperature inside station unit (F): 61,3 P 4 me Battery voltage reading (volts): 12.6% heater - 12.16 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): ~ o Date: 1-20-10 (49) Flow Rate (L/min): Cumulative Sample Volume (L): 0 F L 0 Time: 1'117 Pm (Cumulative Sample Time (min): 3677 Atmospheric Pressure (INS) 27, 14 Temperature inside station unit (F): 62,2 Pump Battery voltage reading (volts): 12,53 heater-DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Date: 1-21-10 (44) Flow Rate (L/min): Cumulative Sample Volume (L): 0 FL 0 Time: 5:16 Am (Cumulative Sample Time (min): 4816 Atmospheric Pressure (INS) 2705 Temperature inside station unit (F): 54.0 Pum P/36 Bbx Battery voltage reading (volts): 12.44 heater - 11.50 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Date: 1-ZZ-10 Flow Rate (L/min): Cumulative Sample Volume (L): Time: 12:37 Pm(OFLO Cumulative Sample Time (min): 6516 Atmospheric Pressure (INS) 2 6.94 Temperature inside station unit (F): 48.7P4mp/35BDX Battery voltage reading (volts): /2.35 heater -10.48

OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA :

0	1A-000
Station Location: T-3 (Wa	
Field Technician:	Filter Lot #: 18833- 6 Z
Pump Type/Model: SKC Air	
Pump Number: 36484	Sample Parent ID #: T A - 0 2 6 %
P SETUP DAY	12:00Am
	Timer Beginning Date/Time: 1
Date: 1-7-10	Beginning Flow Rate (L/min):
Time: 2:28 pm	Pump Programmed (Yes / No):
	Bios Calibration Within 10 mL (Yes / No)
P RETRIEVAL DAY	
	Timer Ending Date/Time: 1/13/10@18:50
Date: 1-13-10	Ending Flow Rate (L/min): 3.0
Time: 0950 m	Total Sample Volume (L):
1,550	Total Sample Time (min): 7,200
	Atmospheric Pressure (INS) 27.63
	Temperature inside station unit (°F): 46.5 punP
	graphs taken, major storm events, validalism, and reason for pump radi
IMENTS: (Please note all photog	graphs taken, major storm events, vandalism, and reason for pump fault
	graphs taken, major storm events, validalism, and reason for pump radii
	graphs taken, major storm events, validalism, and reason for pump radii
	graphs taken, major storm events, validalism, and reason for pump radi
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	graphs taken, major storm events, varidalism, and reason for pump radi
	graphs taken, major storm events, varidalism, and reason for pump radii

TETRA TECH EM INC. OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA! TA-0068 ADDITIONAL DAILY CHECK RECORDS Station Location: T-3 (Water Treatment Station) Sample ID # Field Technician: 40 Pump Type/Model: SKC AirChek 2000 Filter Lot #: 18833- 6 2 Pump Number: 36442 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): ~ C Flow Rate (L/min): (AD-) Date: 1-8-10 Cumulative Sample Volume (L): Time: 12'.00 Pm () Cumulative Sample Time (min): 719 Atmospheric Pressure (INS) Temperature inside station unit (F): 42.6 Battery voltage reading (volts): 12,89 heater -DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Date: 1-9 - 10 Flow Rate (L/min): Time: 11', 03Am (Cumulative Sample Volume (L): Cumulative Sample Time (min): 2103 Atmospheric Pressure (INS) Temperature inside station unit (F): 44.0 Battery voltage reading (volts): 12.75 heater. DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Date: 1-10-10 Flow Rate (L/min): Time: 12:07Pm (Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric Pressure (INS) 28.13 Temperature inside station unit (F): 53.6 Battery voltage reading (volts): heater -DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Date: |-/1#/0 Flow Rate (L/min): (OB) Cumulative Sample Volume (L): Time: 8: 038m (Cumulative Sample Time (min): 4304 Atmospheric Pressure (INS) 27.91 Temperature inside station unit (F): 54,8 Battery voltage reading (volts): / Z. 5 Z DAILY CHECK (For each station visit) No (Field Tech Initials) PUMP FAULT (Yes / No): Date: Flow Rate (L/min): (MAS) Time: 11:58 An (ms) Cumulative Sample Volume (L): OFLO Cumulative Sample Time (min): 6479 Atmospheric Pressure (INS) 27.56

Temperature inside station unit (F):

Battery voltage reading (volts):

HUATER

53.7 PUMP

12.42

10.47

以 1000		RA TECH EM INC.	
4	TA-0004	AIR - FIELD SAMPLE DATA SHI DAILY CHECK RECORDS	
	12833-01	Sample ID #: Filter ID #:	Station Location: T- Field Technician: Pump Type/Model: Pump Number: SKC AirChek 200
T4980X	NO 1993 3000 5980 1993 27,53 410 pumpto	PUMP FAULT (Yes / No): Timer Time (min): Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): I emperature inside station unit ("F): Battery voltage reading (volts):	PARTIES (For each station visit) (Field Tech Initials) Date: 7. 1. 3. 4. ()
- 56° 60x	NO 3727 3000 0FLO 3727 28.04 45.9° Pame, 12.64	PUMP FAULT (Yes / No): Timer Time (min): Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): I emperature inside station unit ("F): Battery voltage reading (volts):	Y CHECK (For each station visit) (Field Tech Initials) Date: ()) Time: ()
ne/24 bax	28.6 Pume 12.57	PUMP FAULT (Yes / No): Timer Time (min): Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): I emperature inside station unit (*F): Battery voltage reading (volts):	Y CHECK (For each station visit) (Field Tech Initials) Date: 11-2-09 (97) Time: 0)
P/35 bax	NO 6336 3000 0 F L O 6336 28.04 26.8 Pump	PUMP FAULT (Yes / No): Timer Time (min): Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): I emperature inside station unit (*+): Battery voltage reading (volts):	Y CHECK (For each station visit) (Field Tech Initials) Date: Time:
	12.60	PUMP FAULT (Yes / No): Timer Time (min): Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): I emperature inside station unit ("F): Battery voltage reading (volts):	Y CHECK (For each station visit) (Field Tech Initials) Date: 1/4/09 (PMS) Time: 1/35 (PMS)

Station Location: T- 4 Field Technician: T- 4 Pump Type/Model: SKC AirChek 2000 Pump Number: 36445 Sample Parent ID #: 19833-01 TART DAY Timer Beginning Time: 27.93 Temperature inside station unit (°F): Total Sample Tylem (min): 3000 Atmospheric pressure (mm Hg): 27.93 Total Sample Time (min): 3000 Atmospheric pressure (mm Hg): 27.93 Temperature inside station unit (°F): 37.80 All Y CHECK (complete separate DAILY CHECK for each station visit - additional records on back) (Field Tech initials) Date: 10/30/09 () Timer Time (min): 3000 Flow Rate (L/min): 37.80 All Y CHECK (complete separate DAILY CHECK for each station visit - additional records on back) (Field Tech initials) Date: 10/30/09 () Timer Time (min): 3000 Cumulative Sample Time (min): 3000 Atmospheric pressure (mm Hg): 37.80 Cumulative Sample Time (min): 3000 Atmospheric pressure (mm Hg): 37.63 in Sample Time (min): 3000 Atmospheric pressure (mm Hg): 37.63 in Sample Time (min): 3000 Atmospheric pressure (mm Hg): 37.63 in Sample Time (min):	TE	TRA TECH EM INC.		
Station Location: T- 4 Sample ID #: Filter I	OU7 OUTDOOR AMBIENT	AIR - FIELD SAMPLE DATA SH		
Pump Type/Model: SKC AirChek 2000 Pump Number: 36445 Sample Parent ID#: T/F 2004 TART DAY Timer Beginning Time: 12:00 m. Beginning Flow Rate (L/min): 3 Temperature inside station unit (°F): TOP DAY Date: 1/4/09 Ending Flow Rate (L/min): 3000 Total Sample Volume (L): 0FL0 Total Sample Time (min): 7200 Atmospheric pressure (mm Hg): 27.93 Temperature inside station unit (°F): 37.8° AILY CHECK (complete separate DAILY CHECK for each station visit - additional records on back) (Field Tech Initials) Date: 10/30/09 (ff) Timer Time (min): 700 Cumulative Sample Volume (L): 13.24 Cumulative Sample Time (min): 700 Atmospheric pressure (mm Hg): 700 Temperature inside station unit (°F): 700 Atmospheric pressure (mm Hg): 700 Atmospheric pressure (mm Hg): 700 Temperature inside station unit (°F): 700 Atmospheric pressure (mm Hg): 700 Atmospheri	Station Location: T- 4	Sample ID #:	TA-0004	
TART DAY Timer Beginning Time:	(10) 2 1 00		18833-01	
TART DAY Date: 10/30/09 Beginning Flow Rate (L/min): 3 Time: 2100 mm Atmospheric pressure (mm Hg): 27.93 Temperature inside station unit (°F): TOP DAY Timer Ending Time: /200 mm Date: 1//4/09 Ending Flow Rate (L/min): 3000 Total Sample Volume (L): 0FL0 Total Sample Time (min): 7200 Atmospheric pressure (mm Hg): 27.83 Temperature inside station unit (°F): 37.80 AILY CHECK (complete separate DAILY CHECK for each station visit - additional records on back) (Field Tech Initials) PUMP FAULT (Yes / No): 00 Date: 10/30/09 (49) Timer Time (min): 6/10 Time: 10/30/09 (19) Timer Time (min): 6/10 Time: 10/30/09 (19) Timer Time (min): 6/10 Atmospheric pressure (mm Hg): 716.3 ms Temperature inside station unit (°F): 8attery voltage reading (volts): 13.3 ms Temperature inside station unit (°F): 8attery voltage reading (volts): 12.78		00 Sample Type:	TEM	
Timer Beginning Time:	Pump Number: 36445	Sample Parent ID #:	TA -0004	
Date: 10/30/09 Beginning Flow Rate (L/min): 3 Atmospheric pressure (mm Hg): 27.93 Temperature inside station unit (°F): TOP DAY Timer Ending Time: /2:00 mm Date: 1/4/09 Ending Flow Rate (L/min): 3000 Total Sample Volume (L): 0FL0 Total Sample Time (min): 7200 Atmospheric pressure (mm Hg): 27.83 Temperature inside station unit (°F): 37.80 AILY CHECK (complete separate DAILY CHECK for each station visit - additional records on back) (Field Tech Initials) Date: 10/30/09 (44) Time: 10/30/09 (44) Ti	FART DAY			
Date: 10/30/09 Beginning Flow Rate (L/min): 3 Atmospheric pressure (mm Hg): 27.93 Temperature inside station unit (°F): Top Day Timer Ending Time: /2.00 mm Social Sample Volume (L): OFLO Total Sample Time (min): 7.83 Temperature inside station unit (°F): 37.83 Temperature inside station unit (°F): 37.80 All Y CHECK (complete separate DAILY CHECK for each station visit - additional records on back) Field Tech Initials PUMP FAULT (Yes / No): 7.83 Temperature (min): 7.80 Timer Time (min): 7.80 Timer Ti		Timer Beginning Time:	12:00 mm	
Temperature inside station unit (°F): Top Day Timer Ending Time: Ending Flow Rate (L/min): Total Sample Volume (L): Total Sample Time (min): Atmospheric pressure (mm Hg): Temperature inside station unit (°F): Total Sample Time (min): Atmospheric pressure (mm Hg): Temperature inside station unit (°F): Total Sample Time (min): Atmospheric pressure (mm Hg): Time: Field Tech Initials) PUMP FAULT (Yes / No): Time: Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): Temperature inside station unit (°F): Battery voltage reading (voits):	Date: 10/30/09	Beginning Flow Rate (L/min):	3	
Top DAY Timer Ending Time: Ending Flow Rate (L/min): Total Sample Volume (L): Atmospheric pressure (mm Hg): Temperature inside station unit (°F): AlLY CHECK (complete separate DAILY CHECK for each station visit - additional records on back) Field Tech Initials) Date: 10/30/09 (99) Time: Time: Time (min): Cumulative Sample Volume (L): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): Temperature inside station unit (°F): Battery voltage reading (volts):	Time: 12:00 am	Atmospheric pressure (mm Hg):	27.93	
Timer Ending Time: Date:		Temperature inside station unit (°F):		
Date: //4/09 Ending Flow Rate (L/min): 3000 Time: //:353m Total Sample Volume (L): 5000 Atmospheric pressure (mm Hg): 27.83 Temperature inside station unit (°F): 37.80 AILY CHECK (complete separate DAILY CHECK for each station visit - additional records on back) (Field Tech Initials) PUMP FAULT (Yes / No): 7000 Date: 10/30/09 (49) Timer Time (min): 7000 Time: 7000 Cumulative Sample Volume (L): 7000 Atmospheric pressure (mm Hg): 7000 Atmospheric pressure (mm Hg): 7000 Temperature inside station unit (°F): 7000 Battery voltage reading (volts): 7000	TOP DAY			
Date: //4/99	1 1	Timer Ending Time:	12:00 m	
Time: Total Sample Volume (L): DFLO	Date: ///4/09	Ending Flow Rate (L/min):		
All Y CHECK (complete separate DAILY CHECK for each station unit (°F): Date: 10/30/09 (##) Timer Time (min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Almospheric pressure (mm Hg): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): Temperature inside station unit (°F): Battery voltage reading (volts):	Time: //:35 Am	Total Sample Volume (L):		
Atmospheric pressure (mm Hg): Temperature inside station unit (°F): AILY CHECK (complete separate DAILY CHECK for each station visit - additional records on back) (Field Tech Initials) Date: 10/30/09 (447) Time: Time: Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): Temperature inside station unit (°F): Battery voltage reading (volts):		Total Sample Time (min):		
AlLY CHECK (complete separate DAILY CHECK for each station visit - additional records on back) (Field Tech Initials) Date: 10/30/09 (49) Time: 70.09 am () Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): Temperature inside station unit (°F): Battery voltage reading (volts):		Atmospheric pressure (mm Hg):		
Date: 10/3/09 (49) Time: 10/3/09 (19) Time Time (min): 10/0 Cumulative Sample Volume (L): 13/24 Cumulative Sample Time (min): 10/0 Atmospheric pressure (mm Hg): 10/3/09 Temperature inside station unit (°F): 13/3/09 Battery voltage reading (volts): 10/0		Temperature inside station unit (°F):		
Date: 10/3/09 (49) Time: 10/3/09 (19) Time Time (min): 10/0 Cumulative Sample Volume (L): 13/24 Cumulative Sample Time (min): 10/0 Atmospheric pressure (mm Hg): 10/3/09 Temperature inside station unit (°F): 13/3/09 Battery voltage reading (volts): 10/0	E			
Date: 10/30/09 (49) Time: 10/30/09 (19) Time: 10/30/09 (19) Flow Rate (L/min): 300 m/min Cumulative Sample Volume (L): 1324 Cumulative Sample Time (min): 4tmospheric pressure (mm Hg): 763 Temperature inside station unit (°F): 333 mm 4	AILY CHECK (complete separate DAILY CH	ECK for each station visit - addition	nal records on back)	
Time: () Flow Rate (L/min):	/ /	PUMP FAULT (Yes / No):	NO	
Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): Temperature inside station unit (°F): Battery voltage reading (volts):	Date: 10/30/09 (49)	Timer Time (min):	610	
Cumulative Sample Time (min): Atmospheric pressure (mm Hg): Temperature inside station unit (°F): Battery voltage reading (volts):	Time: 10:09 Am ()	Flow Rate (L/min):	3000 mL/min	
Atmospheric pressure (mm Hg): 27.63 in S Temperature inside station unit (°F): 33.1 pung 41 n Battery voltage reading (volts): 12.78	100	Cumulative Sample Volume (L):	1824	
Temperature inside station unit (°F): 33.1° 41° 7 Battery voltage reading (volts): 12.78		Cumulative Sample Time (min):	610	
Temperature inside station unit (°F): 33 1949 41 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			27.63 ins	
Battery voltage reading (volts): 12.78		_		n
		Battery voltage reading (volts):	12.78	
	OMMENTS: (Please note all photographs take			

TETRA TECH EM INC. OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA SHEET (ESDE) TA-0013 Station Location: T-4 (Troy Info Center) Sample ID # Field Technician: Filter Lot #: -18833- 01 Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Pump Number: 36445 Sample Parent ID#: TA-0017 START DAY Timer Beginning Time: 12,00 Am Beginning Flow Rate (L/min): 3000 Pump Programmed (Yes / No): Bios Calibration Within 10 mL (Yes / No) STOP DAY Timer Ending Time: 0 / 2:00A Ending Flow Rate (L/min): 3000 Time: 3 Total Sample Volume (L): OFLO Total Sample Time (min): 7200 Atmospheric pressure (mm Hg): 27.83 Temperature inside station unit (°F): DAILY CHECK (complete separate DAILY CHECK for each station visit - additional records on back) (Field Tech Initials) PUMP FAULT (Yes / No): Date: Flow Rate (L/min): Time: Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): Temperature inside station unit (°F): Battery voltage reading (volts): COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault) SIGNATURE: DATE:

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배구(1) [2] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4	AIR - FIELD SAMPLE DATA SH L DAILY CHECK RECORDS	TA-0013
Station Location: T-4 (Troy Info Ce		1A-0013
Field Technician:	Filter Lot #:	40000
Pump Type/Model: SKC AirChek 200		16833- 0)
Pump Number: 36445		
OAILY CHECK (For each station visit)	BUMB FANT AND	
(Field Tech Initials)	PUMP FAULT (Yes / No):	NO
Date: 11-9-09 (99)	Flow Rate (L/min):	3010
Time: 7:36 a.m (')	Cumulative Sample Volume (L):	1368
	Cumulative Sample Time (min):	756
	Atmospheric pressure (mm Hg):	27.79
	Temperature inside station unit ("F):	30,8 PHMP /38 b
	Battery voltage reading (volts):	12.87
AILY CHECK (For each station visit)		
(Field Tech Initials)	PUMP FAULT (Yes / No):	No
Date: 11-10-09 (9)	Flow Rate (L/min):	3000
Time: 3',09 em ()	Cumulative Sample Volume (L):	7048
7 7 77	Cumulative Sample Time (min):	2349
	Atmospheric pressure (mm Hg):	27 43
	I emperature inside station unit ("F):	45.2 Pump 516
	Battery voltage reading (volts):	
	, ,	12.74
AILY CHECK (For each station visit)		
(Field Tech Initials)	PUMP FAULT (Yes / No):	.v o
Date: 11-11-09 (96)	Flow Rate (L/min):	3000
Time: 10:510 ()	Cumulative Sample Volume (L):	OFLO
19131 HW	Cumulative Sample Time (min):	3531
	Atmospheric pressure (mm Hg):	37 69
	Temperature inside station unit ("F):	31 5 81 2122
	Battery voltage reading (volts):	12.66
	, , ,	1 6.406
AILY CHECK (For each station visit)		
(Field Tech Initials)	PUMP FAULT (Yes / No):	NO
Date: 11-12-09 (9)	Flow Rate (L/min):	3000
Time: 2 2 7 0 ()	Cumulative Sample Volume (L):	OFLO
2.3 / PM	Cumulative Sample Time (min):	5192
	Atmospheric pressure (mm Hg):	27.53
	Temperature inside station unit (*F):	34 10 -11150-
	Battery voltage reading (volts):	38,1 Pump/45 80
	,	12127
OAILY CHECK (For each station visit)		
(Field Tech Initials)	PUMP FAULT (Yes / No):	NO
Date: 1/-12-09 (2)	Flow Rate (L/min):	3000
Time: 1:07 8 m ()	Cumulative Sample Volume (L):	
1,07 PM	Cumulative Sample Time (min):	1-647
	Atmospheric pressure (mm Hg):	
	Remospheric pressure (mm hg). Lemperature inside station unit ("F):	27.36
	Battery voltage reading (volts):	30.5 PHMP/37 BOX
		14,25

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA SITTA-0022

	ADDIT	I O I WAL	BAILT OTILOR REGORDS
	Station Location: T-4 (Tro	y Info C	Center) Sample ID #: T
	Field Technician:		Filter Lot #: 18833- 61
	Pump Type/Model: SKC Air	Chek 20	
	Pump Number: 36445		
DAIL	CHECK (For each station	vioit\	
DAIL	The second secon		DUMP FALLET OVER AND A SE
	(Field Tech	initials)	PUMP FAULT (Yes / No): V
	Date: 11-19-09 (99))	Flow Rate (L/min): 300
	Time: 8 , 40 Am ()	Cumulative Sample Volume (L): 1559
			Cumulative Sample Time (min): 5 19
			Atmospheric pressure (mm Hg): 27.65
		Τe	emperature inside station unit (F): 27. 1 Pume 13 4 8 0x
			Battery voltage reading (volts):
			Battery voltage reading (volts).
DAILY	CUECK (For each station	.: - !4\	
DAILY	CHECK (For each station		SUMP FAULT OF TAXABLE
	(Field Tech	Initials)	PUMP FAULT (Yes / No): No
	Date: 11-20-09 (99)	Flow Rate (L/min): 3 0 0 0
	Time: 8 1,25 Am ()	Cumulative Sample Volume (L): 5833
			Cumulative Sample Time (min): 1944
			Atmospheric pressure (mm Hg): 27.39
		Τe	emperature inside station unit (F): 300 PM mP/378 0X
			Battery voltage reading (volts): 1 2, 7 7
			Eattery voitings routing (voite).
DAILY	CHECK (For each station	vicit)	
DAIL	(Field Tech		PUMP FAULT (Yes / No):
		miliais)	
	Date: 11-21-09 (98)	Flow Rate (L/min): 3000
	Time: 3 ,51Pm ()	Cumulative Sample Volume (L):
			Cumulative Sample Time (min): 3 3 3 1
			Atmospheric pressure (mm Hg): 27.62
		Τe	emperature inside station unit (F): _ 3 7 . 4 84 m P / H4 Box
			Battery voltage reading (volts): 12.65
DAILY	CHECK (For each station	visit)	
	(Field Tech	-	PUMP FAULT (Yes / No):
	Date: 11-22-09 (99)	Flow Rate (L/min): 3000
	Time: 1: 45 pm ()	Cumulative Sample Volume (L): 0 F L O
	11-15 -	/	We still the sti
		-	Atmospheric pressure (mm Hg): 27.37
		16	emperature inside station unit (F): 3 1, 8 Pump 39 8 0x
			Battery voltage reading (volts): 12.58
DAILY	CHECK (For each station		
	(Field Tech	Initials)	PUMP FAULT (Yes / No):
	Date: 11-23-09 (49))	Flow Rate (L/min): 3000
	Time: 6:418m ()	Cumulative Sample Volume (L): 0 FLO
			Cumulative Sample Time (min): 6822
			Atmospheric pressure (mm Hg): 2 7, 9 1
		Ta	
		16	emperature inside station unit (F): 34.794mp/4/3X Battery voltage reading (volts): 12.49
			battery voltage reading (volts).
I			

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S TA-0022

Station Location: T-4 (Tro	v Info Contor) Sample ID #	
Field Technician:		18833- 0 /
Pump Type/Model: SKC Air		
Pump Number: <u>36445</u>	Sample Parent ID #	
PUMP SETUP DAY		
FOWIP SETUP DAT	Times Besigning Beta/Times	5 50 / 5
Data: II	Timer Beginning Date/Time	
Date: 11-18-09	Beginning Flow Rate (L/min)	
Time: 2, 59 Pm	Pump Programmed (Yes / No)	
	Bios Calibration Within 10 mL (Yes / No) 4es
PUMP RETRIEVAL DAY		
	Timer Ending Date/Time	11-24-12:00Am
Date: 11-24-09	Ending Flow Rate (L/min)	20001
Time: 10',27 nm	Total Sample Volume (L)	
1012 /AM	Total Sample Time (min)	
	Atmospheric pressure (mm Hg)	
	Temperature inside station unit (°F)	25.1 Pump 3 180
COMMENTS: (Please note all photog	raphs taken, major storm events, vandalis	m, and reason for pump faul
e		
		
	-	
-		
	-	
		
		-
	<u> </u>	
SIGNATURE:	DATE:	

OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S

Field Technician:	oy Info Center) Sample ID #.
	Filter Lot #: 18833- •)
Pump Type/Model: SKC A	
Pump Number: 36445	Sample Parent ID #:
P SETUP DAY	
	Timer Beginning Date/Time: 1)- 29-09/12:
Date: 11-28-09	Beginning Flow Rate (L/min):
Time: 2',010 m	Pump Programmed (Yes / No):
	Bios Calibration Within 10 mL (Yes / No)
P RETRIEVAL DAY	<u> </u>
	Timer Ending Date/Time: 12-4 12:0
Date: 12-4-09	Ending Flow Rate (L/min): 2000
Time: 8:54 Am	Total Sample Volume (L): or Lo
	Total Sample Time (min): 7 2 00
	Atmospheric pressure (mm Hg): 27,80
	Temperature inside station unit (°F): 13 Pume / 19

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA ADDITIONAL DAILY CHECK RECORDS

TA-0031

		DAILT CHECK RECORDS	171 0001
	Station Location: T-4 (Troy Info Confident Technician: Pump Type/Model: SKC AirChek 20 Pump Number: 36445	Filter Lot #:	18833- 01
DAILY	CHECK (For each station visit) (Field Tech Initials) Date: 11-29-09 (34) Time: 7 110-29 (34)	PUMP FAULT (Yes / No): Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): mperature inside station unit (°F): Battery voltage reading (volts):	2000 2302 1150 27.83 33.4 PHMP 4380X
DAILY	CHECK (For each station visit) (Field Tech Initials) Date: 1 - 3 0 - 9 (99) Time: 1 56 Pm () Te	PUMP FAULT (Yes / No): - Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): mperature inside station unit (°F): Battery voltage reading (volts):	2000 4911 2455 27.51 34.4 P4mr) 4680
DAILY	CHECK (For each station visit) (Field Tech Initials) Date: 7:331m Te	PUMP FAULT (Yes / No): Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): mperature inside station unit (F): Battery voltage reading (volts):	2000 6908 3454 27.77 24.3 Pump/3380
DAILY	CHECK (For each station visit) (Field Tech Initials) Date: 2-2-9 (19) Time: 3 25 4 4 (1)	PUMP FAULT (Yes / No): Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): mperature inside station unit (°F): Battery voltage reading (volts):	2006 9652 4826 27.86 18.0 PAMP 2680X
DAILY	CHECK (For each station visit) (Field Tech Initials) Date: 12-3-09 (44) Time: 71070m ()	PUMP FAULT (Yes / No): Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): mperature inside station unit (F): Battery voltage reading (volts):	2000 0FL0 6908 27.86 17.86nme/2680X

TETRA TECH EM INC. TA-0040 **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA 9** Station Location: T-4 (Troy Info Center) Sample ID #: Filter Lot #: 18833- O_) Field Technician: 08 Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Pump Number: 36445 Sample Parent ID #: --PUMP SETUP DAY Timer Beginning Date/Time: / 2 - 9 - 09 / 2; 00 Am Beginning Flow Rate (L/min): 3 000 Date: 12-8-09 Pump Programmed (Yes / No): Yes Time: / ', ≥ 3 P >= Bios Calibration Within 10 mL (Yes / No) Yes PUMP RETRIEVAL DAY Timer Ending Date/Time: / 2 - 14 / 12:004m Ending Flow Rate (L/min): 300 0 Date: 12 -14 - 09 Time: 5:40 8 m Total Sample Volume (L): OFLO Total Sample Time (min): 7200 Atmospheric pressure (mm Hg): 27,97 Temperature inside station unit (°F): 65,1 Pymp/71Box COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fauli

DATE:

SIGNATURE:

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA** TA-0040 ADDITIONAL DAILY CHECK RECORDS Station Location: T-4 (Troy Info Center) Sample ID # Field Technician: Filter Lot #: 18833- @) Pump Type/Model: SKC AirChek 2000 Pump Number: 36445 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): ~ 0 (Field Tech Initials) Flow Rate (L/min): 3000 Date: 12 - 9 - 09 (Q8) Time: 4:06 PM (Cumulative Sample Volume (L): 2 696 Cumulative Sample Time (min): 455 Atmospheric pressure (mm Hg): 2 % 0 4 Temperature inside station unit (F): <u>5</u>分,分 Battery voltage reading (volts): 12.45 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): _______ Flow Rate (L/min): _______ 3 - 0 - 0 (Field Tech Initials) Date: 12-10-03 (99°) Cumulative Sample Volume (L): 5577 Time: 7 100 am Cumulative Sample Time (min): / 8 5 9 Atmospheric pressure (mm Hg): 27,9% Temperature inside station unit (F): 55, 5 Battery voltage reading (volts): 12,52 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): WO (Field Tech Initials) Flow Rate (L/min): 3000 Date: 12-11-09 Cumulative Sample Volume (L): 0 F LO Time: 73118m Cumulative Sample Time (min): 40 32 Atmospheric pressure (mm Hg): 27,73 Temperature inside station unit (F): 64.0 Pump/6800x Battery voltage reading (volts): 12, 71 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): ~ ~ 0 Flow Rate (L/min): 3 000 Date: 12-12-09 (98) Cumulative Sample Volume (L): o F LO Time: 9:49 Am (Cumulative Sample Time (min): 4910 Atmospheric pressure (mm Hg): 27.71 Temperature inside station unit (F): 44.9 Pump Battery voltage reading (volts): / Z. 6 7 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): _______ (Field Tech Initials) Date: 12-13-09 (90) Flow Rate (L/min): Time: 2'. 29 Pm (Cumulative Sample Volume (L): 0 F LO Cumulative Sample Time (min): 4629 Atmospheric pressure (mm Hg): 27.71 Temperature inside station unit (F): 73.2 Pame/75 Box

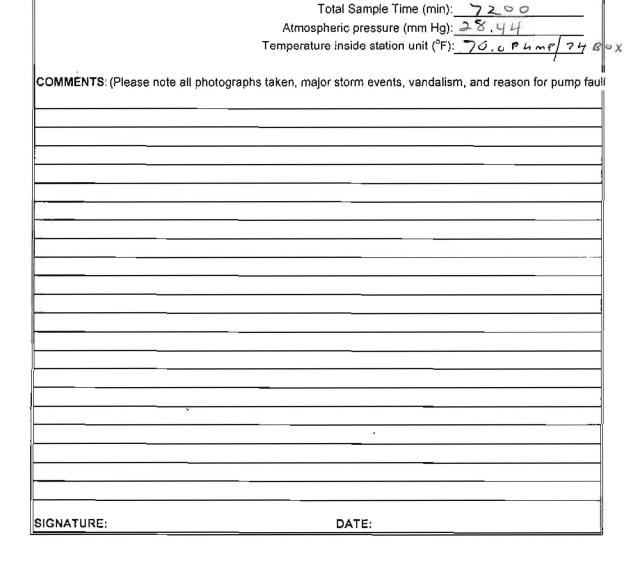
Battery voltage reading (volts): / 2, 43

TETRA TECH EM INC. **OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S** TA-0051 ADDITIONAL DAILY CHECK RECORDS Station Location: T-4 (Troy Info Center) Sample ID #: Field Technician: 767 Pump Type/Model: SKC AIrChek 2000 Filter Lot #: 18833- 02 Pump Number: 36445 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): ~o (Field Tech Initials) Flow Rate (L/min): 3000 Date: /2-19-09 Cumulative Sample Volume (L): 2396 Time: 3:32 Pm (Cumulative Sample Time (min): 9 3 2 Atmospheric pressure (mm Hg): 28,13 Temperature inside station unit (F): 84.3 Pump/80 Battery voltage reading (volts): 12,99 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): ~ノこ (Field Tech Initials) Flow Rate (L/min): 3 000 Date: 12-20-09 (40) Cumulative Sample Volume (L): 6248 Time: 10:42 Am (Cumulative Sample Time (min): 2 0 82 Atmospheric pressure (mm Hg): 28,05 Temperature inside station unit (F): 82,7 Pump/ Battery voltage reading (volts): ノユ、るこ DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): No (Field Tech Initials) Date: 12 - 21 - 09 Flow Rate (L/min): 3000 (99) Time: 5 ', 40 Pm (Cumulative Sample Volume (L): 0 F LO Cumulative Sample Time (min): 39 40 Atmospheric pressure (mm Hg): 27.78 Temperature inside station unit (F): マラ. ッチャー Battery voltage reading (volts): 12,70 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): NO (Field Tech Initials) Date: 12 - 22 - 09 (99) Flow Rate (L/min): 3000 Time: 6135 Pm (Cumulative Sample Volume (L): ロドレロ Cumulative Sample Time (min): 5435 Atmospheric pressure (mm Hg): ユダ.0 8 Temperature inside station unit (F): 84, 2 Ph mp Battery voltage reading (volts): 12, 65 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No):_~~ (Field Tech Initials) Flow Rate (Umin): 3000 Date: 12-23-09 (84) Time: 7/2 Z fm(Cumulative Sample Volume (L): ♂ ⊭ ∠o Cumulative Sample Time (min): 69 22 Atmospheric pressure (mm Hg): 28,44 28.47 Temperature inside station unit (F): 74.4/Pump/

Battery voltage reading (volts): ノスッミ &

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S** TA-0051 Sample ID #: Station Location: T-4 (Troy Info Center) Field Technician: Filter Lot #: 18833- 02 Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Pump Number: 36445 Sample Parent ID#: TA-005/ **PUMP SETUP DAY** 12:00Am Timer Beginning Date/Time: / 2-19-09 Beginning Flow Rate (L/min): 3000 Date: 12-18-09 Pump Programmed (Yes / No): ソラン Time: 3; 46 pm Bios Calibration Within 10 mL (Yes / No) 4 5 PUMP RETRIEVAL DAY Timer Ending Date/Time: 12-24-09 Ending Flow Rate (L/min): 3000 Date: 1 Z- Z4-09

Total Sample Volume (L): ゥトレロ



Time: 3: 250 ~

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA? TA-0060** Station Location: T-4 (Troy Info Center) Sample ID #. Field Technician: Filter Lot #: 18833- 0 2 Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Pump Number: 36445 Sample Parent ID #: TR - 0060 PUMP SETUP DAY Timer Beginning Date/Time: 12 - 29-09 12:00 Hm Beginning Flow Rate (L/min): 3 Date: 12-28-09 Pump Programmed (Yes / No): Ye 5 Time: 4 ! 29 Pm Bios Calibration Within 10 mL (Yes / No) PUMP RETRIEVAL DAY Timer Ending Date/Time: 1-2 - 10 12:00Am Ending Flow Rate (L/min): 3 Date: 1 - 3 - 10 Time: 2:,58 Pm Total Sample Volume (L): 0 F LO Total Sample Time (min): 7200 Atmospheric pressure (mm-Hg): 28.38 = ~5 Temperature inside station unit (°F): \$4.0 Pume/8480X COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault

DATE:

SIGNATURE:

			TE	TRA TECH EM INC.	
	OU7 OUTDOO	RAME	BIENT	AIR - FIELD SAMPLE DATA	
				L DAILY CHECK RECORDS	TA-0060
	Station Location:				
	Field Technician:		<u>,</u>	Filter Lot #:	18833 7
	ımp Type/Model:		Chek 2	000	10000-02
	Pump Number:	36445	-110112		[
DAILY CH	ECK (For each		visit)		
Learning Address and Co. Co.	The second secon	eld Tech		PUMP FAULT (Yes / No):	. 10
Dat	te: 12-29-09	(a) GI)	Flow Rate (L/min):	- G
Tim	e: 7:11Pm	(í	Cumulative Sample Volume (L):	3463
	4	- 42	,	Cumulative Sample Time (min):	
				Atmospheric pressure (mm+fg):	
			T	emperature inside station unit (F):	
				Battery voltage reading (volts):	
				Saltory voltage reading (volts).	14.11
DAILY CHI	ECK (For each	station	visit)		
		eld Tech		PUMP FAULT (Yes / No):	
Dat	e: 12-30-09	(99)	Flow Rate (L/min):	200
Tim	e: 710 %	(")	Cumulative Sample Volume (L):	22/1/
	110	,	,	Cumulative Sample Time (min):	
				Atmospheric pressure (mar Hg):	
	_		T	emperature inside station unit (F):	
				Battery voltage reading (volts):	
				battery vertage reading (verta).	1237
DAILY CH	ECK (For each s	station	visit)		
	•	eld Tech		PUMP FAULT (Yes / No):	No
Dat	e: 12 - 31 09	(98)	Flow Rate (L/min):	
Tim	e: 10:0 %	()	Cumulative Sample Volume (L):	
				Cumulative Sample Time (min):	
				Atmospheric pressure (mm Hg):	
		1	Τe	emperature inside station unit (F):	77.9 PHM+ /75 BOX
				Battery voltage reading (volts):	12,55
DAILY CH	ECK (For each s	station	visit)		
	(Fie	eld Tech	Initials)	PUMP FAULT (Yes / No):	20
Dat	e: -1-10	(94)	Flow Rate (L/min):	3
Tim	e: 12/18	()	Cumulative Sample Volume (L):	OFLO
				Cumulative Sample Time (min):	5058
				Atmospheric pressure (mm + lg):	28 102/25
			Te	emperature inside station unit (F):	
				Battery voltage reading (volts):	12.5
B 4 11 17 =					
DAILY CH	ECK (For each s			BUMB FALL TO SELECT	
	7.	eld Tech	Initials)	PUMP FAULT (Yes / No):	NO
	e: 1- 2-10	98)	Flow Rate (L/min):	3
Tim	e: 11'. 19 Am	()	Cumulative Sample Volume (L):	OFLO
				Cumulative Sample Time (min):	6438
				Atmospheric pressure (rom Hg):	28,20 15
			Τe	emperature inside station unit (F):	85.6 Pump/82 80
				Battery voltage reading (volts):	12.45

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA? TA-0069 Station Location: T-4 (Troy Info Center) Sample ID# Field Technician: 99 Filter Lot #: 18833- 0 2 Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Pump Number: 36445 Sample Parent ID #: T A - 0069 PUMP SETUP DAY Timer Beginning Date/Time: 1-8-10 Date: 1-7-10 Beginning Flow Rate (L/min): Time: 3:29 Pm Pump Programmed (Yes / No): Yes Bios Calibration Within 10 mL (Yes / No) PUMP RETRIEVAL DAY 12:00Am Timer Ending Date/Time: 1-13-10 Ending Flow Rate (L/min): Date: 1-13-10 Time: 9:08 Am Total Sample Volume (L): OFLO Total Sample Time (min): 7 ZOO Atmospheric Pressure (INS) てて、01 Temperature inside station unit (°F): \$2,8 COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault

SIGNATURE:

DATE: /-/3-/0

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA? TA-0069** ADDITIONAL DAILY CHECK RECORDS Station Location: T-4 (Troy Info Center) Sample ID # Field Technician: A Pump Type/Model: SKC AirChek 2000 Filter Lot #: 18833- 0 2 Pump Number: 36445 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): NO (Field Tech Initials) Flow Rate (L/min): 3 Date: 1-%-10 (49) Cumulative Sample Volume (L): 2142 Time: 11:54 nm (Cumulative Sample Time (min): 7,4 Atmospheric Pressure (INS) 28,47 Temperature inside station unit (F): 66.1. Battery voltage reading (volts): / 2,79 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Flow Rate (L/min): Cumulative Sample Volume (L): 6329 Time: 11: 10Am (. Cumulative Sample Time (min): 2/09 Atmospheric Pressure (INS) 28.41 Temperature inside station unit (F): 70, Z Pump/62 & o X Battery voltage reading (volts): 12,63 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Date: 1-10-10 Flow Rate (L/min): Cumulative Sample Volume (L): of Lo Time: 12:14/m (Cumulative Sample Time (min): 3 4 1 4 Atmospheric Pressure (INS) 2 %, 45 Temperature inside station unit (F): \$3.7 Pump/76/30X Battery voltage reading (volts): 12,48 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Date: 1-11-10 Flow Rate (L/min): Cumulative Sample Volume (L): oFLo Time: 8:,09Am Cumulative Sample Time (min): 4810 Atmospheric Pressure (INS) 28.26 Temperature inside station unit (F): 83.8 Pump / 768 0X Battery voltage reading (volts): 12,42 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Date: 1 = 1 2 - 10 (40 Flow Rate (L/min): Cumulative Sample Volume (L): OFLO Time: 10107Am Cumulative Sample Time (min): 6367

Atmospheric Pressure (INS) 27.01

Temperature inside station unit (°F): 84,2

Battery voltage reading (volts): 12.38

OUT OUTDOOR AMBIENT AIR - FIFLD SAMPLE DATAS

Station Location: T-4 (Troy	
Field Technician: 09	Filter Lot #: 18833- a 2
Pump Type/Model: SKC AirC	
Pump Number: <u>36445</u>	Sample Parent ID #: 7 % - 0 0 %
SETUP DAY	
	Timer Beginning Date/Time: 1 - 1 % - 10
Date: 1-17-10	Beginning Flow Rate (L/min):
Time: 2',580m	Pump Programmed (Yes / No):
	Bios Calibration Within 10 mL (Yes / No)
RETRIEVAL DAY	
	Timer Ending Date/Time: 1 - 2 3 - 10
Date: 1-23-10	Ending Flow Rate (L/min): 3
Time: 9', 46 Am	Total Sample Volume (L): OFLO
	Total Sample Time (min): 7200
	Atmospheric Pressure (INS) 27.65
	Temperature inside station unit (°F): 75.5 Pumb
	aphs taken, major storm events, vandalism, and reason for
	apris taken, major storm events, vandalism, and reason to
	apris taken, major storm events, vandalism, and reason to
	apris taken, major storm events, vanualism, and reason to
	apris taken, major storm events, vandalism, and reason to
	apris taken, major storm events, vanualism, and reason to
	apris taken, major storm events, vanualism, and reason to
	apris taken, major storm events, vanualism, and reason to
	apris taken, major storm events, vandalism, and reason to
	apris taken, major storm events, vandalism, and reason to
	apris taken, major storm events, vandalism, and reason to
	apris taken, major storm events, vandalism, and reason to
	apris taken, major storm events, vandalism, and reason to
	apris taken, major storm events, vandalism, and reason to

TETRA TECH EM INC. OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA **TA-0080** ADDITIONAL DAILY CHECK RECORDS Station Location: T-4 (Troy Info Center) Sample ID # Field Technician: 04 Filter Lot #: 18833- o 2 Pump Type/Model: SKC AirChek 2000 Pump Number: 36445 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): NO (Field Tech Initials) Date: 1-18-10 Flow Rate (L/min): (20-) Time: /1:24Am () Cumulative Sample Volume (L): Zo50 Cumulative Sample Time (min): 684 Atmospheric Pressure (INS) 27.72 Temperature inside station unit (F): 83.6 Battery voltage reading (volts): / 2,89 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Date: 1-19-10 (99) Flow Rate (L/min): Time: 10:35 Am (Cumulative Sample Volume (L): Cumulative Sample Time (min): 2074 Atmospheric Pressure (INS) 2 7.63 Temperature inside station unit (F): 84,704mp Battery voltage reading (volts): 12,70 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): No (Field Tech Initials) Flow Rate (L/min): Date: |-20-10 (99) Cumulative Sample Volume (L): a F Lo Time: 1:23 Pm (Cumulative Sample Time (min): 3683 Atmospheric Pressure (INS) 27,53 Temperature inside station unit (F): \$7.6 Pump Battery voltage reading (volts): 12,59 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): ~ ~ 0 (Field Tech Initials) Flow Rate (L/min): Date: 1-21-10 Time: 10'.0/Am (Cumulative Sample Volume (L): 0 F LO Cumulative Sample Time (min): 4920 Atmospheric Pressure (INS) 27.50 return inside station unit °F): \$1.7 Pump 7480X Temperature inside station unit (F): \$1.

	Battery voltage reading (volts):	12.55
DAILY CHECK (For each station visit)	
(Field Tech Initia	lls) PUMP FAULT (Yes / No):	NO
Date: 1-27-10 (99)	Flow Rate (L/min):	3
Time: 12:440m ()	Cumulative Sample Volume (L):	OFLO
	Cumulative Sample Time (min):	4499
	Atmospheric Pressure (INS)	27.42
	Temperature inside station unit (F):	81.0 Pump/758
	Battery voltage reading (volts):	12.47

Station Location: T- /	Sample ID #:	TA-0007
Field Technician: mas J	Filter ID #:	18833-01
Pump Type/Model: SKC AirChek 200	Sample Type:	TEM
Pump Number: 36446	Sample Parent ID #:	TA-0007
T DAY		
T 1	Timer Beginning Time:	12:00 AM
Date: 10/30/09	Beginning Flow Rate (L/min):	3 LPM
Time: 12:00 mg	Atmospheric pressure (mm Hg):	
	Temperature inside station unit (°F):	
DAY		
	Timer Ending Time:	12:00 AM
Date: 11/4/09	Ending Flow Rate (L/min):	3000
Time: //=// Am	Total Sample Volume (L):	OFLO
	Total Sample Time (min):	7200
	Atmospheric pressure (mm Hg):	28.04
	Temperature inside station unit (°F):	53.90
CHECK (complete separate DAILY CH	IECK for each station visit - addition	al records on back)
(Field Tech Initials)	PUMP FAULT (Yes / No):	1 /
Date: 10/30/09 (94)	Timer Time (min):	60599 678
Time: 11:19 Am ()	Flow Rate (L/min):	3000 ma/mir
	Cumulative Sample Volume (L):	2037
	Cumulative Sample Time (min): _	678
	Atmospheric pressure (mm Hg):	11.19 27.73
	Temperature inside station unit (°F):	94410 48.5°
	Battery voltage reading (volts):	12.76
MENTS: (Please note all photographs take	en, major storm events, vandalism, and	I reason for pump fault)
		· · · · · · · · · · · · · · · · · · ·

TETRA TECH EM INC. OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA SHEET (ESDS) TA-0007 ADDITIONAL DAILY CHECK RECORDS Station Location: T-Sample ID #: Filter ID #: 1483-01 Field Technician: Pump Type/Model: Skc AirChek 2000 Pump Number: DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Date: 19/3//09 Timer Time (min): Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): Temperature inside station unit ("F): Battery voltage reading (volts): DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Timer Time (min): Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): Temperature inside station unit ("F): Battery voltage reading (volts): DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Timer Time (min): Flow Rate (L/min): 000 Cumulative Sample Volume (L): FLO Cumulative Sample Time (min): Atmospheric pressure (mm Hg): Temperature inside station unit ("F): Battery voltage reading (volts): DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Timer Time (min) Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): Temperature inside station unit ("F); Battery voltage reading (volts): DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): Field Tech Initials) (MK) Timer Time (min): Date: Flow Rate (L/min): Time: (Mrs) Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): I emperature inside station unit ("F): Battery voltage reading (volts):

	TEI	RA TECH EM INC.	
OU7 OUT	DOOR AMBIENT	IR - FIELD SAMPLE DATA S'	In the second se
Field Technicia	el: SKC AirChek 2000	Filter Lot #:	
START DAY			
Date: 11 - 9 - 0		Timer Beginning Time: Beginning Flow Rate (L/min): Pump Programmed (Yes / No): Calibration Within 10 mL (Yes / No)	12:00 Am 3000 185 185
STOP DAY			**
Date: 11-14-0	Pm	Timer Ending Time: Ending Flow Rate (L/min): Total Sample Volume (L): Total Sample Time (min): Atmospheric pressure (mm Hg): Temperature inside station unit (°F):	2790
			,
DAILY CHECK (complete		CK for each station visit - addition	nal records on back)
Date:	(Field Tech Initials)	PUMP FAULT (Yes / No): Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min):	
		Atmospheric pressure (mm Hg): Temperature inside station unit (°F): Battery voltage reading (volts):	
OMMENTS: (Please note	all photographs taken	, major storm events, vandalism, and	d reason for pump fault)
SIGNATURE:		DATE:	

The state of the s	TRA TECH EM INC.	
OU7 OUTDOOR AMBIENT	AIR - FIELD SAMPLE DATA SH	
ADDITIONA	L DAILY CHECK RECORDS	TA-0014
Station Location: T-4QC (Troy Info	Center Sample ID #	
Field Technician:	Filter Lot #:	18833- 01
Pump Type/Model: SKC AirChek 200	00	
Pump Number: 36444		
DAILY CHECK (For each station visit)	-	
(Field Tech Initials)	PUMP FAULT (Yes / No):	
Date: 11-9 - 69 (A))	Flow Rate (L/min):	3 - 3 -
Time: 7:37am ()	Cumulative Sample Volume (L):	1372
	Cumulative Sample Time (min):	
	Atmospheric pressure (mm Hg):	
	I emperature inside station unit ("H):	- 112/33
	Battery voltage reading (volts):	12.87
DAILY CHECK (For each station visit)		
(Field Tech Initials)	PUMP FAULT (Yes / No):	3.
Date: 11-10-09 (90)	Flow Rate (L/min):	3 0 0 0
Time: 3,118m ()	Cumulative Sample Volume (L):	7001
	Cumulative Sample Time (min):	
	Atmospheric pressure (mm Hg):	- 111-
ũ .	Temperature inside station unit ("F):	1016 011 13/0018
	Battery voltage reading (volts):	12.74
DAIL V CHECK (For each station visit)		
DAILY CHECK (For each station visit) (Field Tech Initials)	PUMP FAULT (Yes / No):	
Date: 11-11-09 (4)	Flow Rate (L/min):	
Times	Cumulative Sample Volume (L):	3 - 3 -
Time: 16.52	Cumulative Sample Time (min):	
	Atmospheric pressure (mm Hg):	9
	Temperature inside station unit ("H):	
	Battery voltage reading (volts):	23.1 1 1/11 1 / 2 /0 UN
	, ,	12,63
DAILY CHECK (For each station visit)		
(Field Tech Initials)	PUMP FAULT (Yes / No):	~ 0
Date: 11-12-09 (\$\text{\$\pi\$})	Flow Rate (L/min):	-
Time: 2',3% gm ()	Cumulative Sample Volume (L):	
	Cumulative Sample Time (min):	
	Atmospheric pressure (mm Hg):	
	Temperature inside station unit ("F):	
	Battery voltage reading (volts):	12.58
DAILY CHECK (For each station visit)	DUMO EALU T. Over 1853	
(Field Tech Initials)	PUMP FAULT (Yes / No):	70 0
Date: 11-13-09 (90)	Flow Rate (L/min):	3
Time: 1:03 Pin ()	Cumulative Sample Volume (L):	0 , 0
	Cumulative Sample Time (min):	
	Atmospheric pressure (mm Hg): Lemperature inside station unit ("F):	
	Battery voltage reading (volts):	3 7.3
	battery voltage reading (volta).	12,52

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA ADDITIONAL DAILY CHECK RECORDS

TA-0023

// / / / / / / / / / / / / / / / / / /	DALL CHECK KECCKEC
Station Location: T-4QC (Troy Inf	fo Center) Sample ID i
Field Technician:	Filter Lot #: 18833-0 /
Pump Type/Model: SKC AirChek 2 6	000
Pump Number: 36444	
DAILY CHECK (For each station visit)	
,	DUMAD FALLET (V / NI-)
(Field Tech Initials)	PUMP FAULT (Yes / No):
Date: 11-19-09 (49-)	Flow Rate (L/min): 3 o o
Time: % 39Am ()	Cumulative Sample Volume (L): 15 5 6
	Cumulative Sample Time (min): 51%
	Atmospheric pressure (mm Hg): 27.7 H
Te	emperature inside station unit (F): 31,3 Pump 34BOX
	Battery voltage reading (volts):
	battery voltage reading (volts).
DAIL VOLLEGIA (Farrancia da Anti-rancia da)	
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No):
Date: 11-20-09 (99)	Flow Rate (L/min): 3000
Time: 8', 24Am ()	Cumulative Sample Volume (L): 5 % 3 1
	Cumulative Sample Time (min): 1943
	Atmospheric pressure (mm Hg): 27,45
T ₆	emperature inside station unit (F): 33.3 Phm P 37 B 4x
	Battery voltage reading (volts): 12,70
DAIL VOLUEOK (Family 1 4 () 1 14)	
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No):
Date: 11-21-09 (98)	Flow Rate (L/min):
Time: 3 1,50 pm ()	Cumulative Sample Volume (L): 5 F L O
	Cumulative Sample Time (min): 3831
	Atmospheric pressure (mm Hg): 27.68
Te	emperature inside station unit (F): 40,1 PH mp 1448 ox
	Battery voltage reading (volts): 12 5 4
	battery voltage reading (volts). 12, 5 4
DAILY OUT OF THE STATE OF THE S	
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No):
Date: 11- 2 2-09 (98)	Flow Rate (L/min): 3000
Time: 1; 44 Pm ()	Cumulative Sample Volume (L):
	Cumulative Sample Time (min): 5144
	Atmospheric pressure (mm Hg): 27,42
Te	emperature inside station unit (F): 34,504me/398 0x
	Battery voltage reading (volts): 12,47
	battery voltage reading (volts).
DAILY CHECK (For each etation winith	
DAILY CHECK (For each station visit)	DIMP FALL T (A/A-/ALA)
(Field Tech Initials)	PUMP FAULT (Yes / No):
Date: 11-23-09 (99)	Flow Rate (L/min): 3000
Time: 5:41Pm ()	Cumulative Sample Volume (L): 0 F LO
	Cumulative Sample Time (min): 6821
	Atmospheric pressure (mm Hg): 2 5,06
Te	emperature inside station unit (F): 37.4 Pume/4/3 bx
	Battery voltage reading (volts):
	battery voltage reading (volte).

OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S

		TA 0023
	Station Logation: T 40C	TA-0023
	Station Location: T-4QC (Field Technician:	-
	Pump Type/Model: SKC Air	Filter Lot #: 18833- 6
	Pump Number: 36444	
	Pump Number. 36444	Sample Parent ID#: TA -0022
PUMP	SETUP DAY	
		Timer Beginning Date/Time: 11-19-09 / 12:008m
	Date: 11-18-09	Beginning Flow Rate (L/min): 3000
	Time: 31.09 Pm	Pump Programmed (Yes / No): Yes
		Bios Calibration Within 10 mL (Yes / No)
PUMP	RETRIEVAL DAY	
		Timer Ending Date/Time: 1/-2 4 - 12 :30 Am
	Date: 11-24-09	Ending Flow Rate (L/min): 3000
,	Time: 10'.26Am	Total Sample Volume (L): OFLO
		Total Sample Time (min): 7 200
		Atmospheric pressure (mm Hg): 18,05
		Temperature inside station unit (°F): 3 Pump 3 7 80x
	-	
-		
	-	
_		
_		
SIGNA	TURE:	DATE:

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA TA-0032 Station Location: T-4QC (Troy Info Center) Sample ID # Field Technician: Filter Lot #: 18833- 0) Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Pump Number: 36444 Sample Parent ID#: TA - 0031 PUMP SETUP DAY Timer Beginning Date/Time: 11-29-09 / 12:00 / w Date: 11-28-09 Beginning Flow Rate (L/min): 2000 Time: 2:00 pm Pump Programmed (Yes / No): Bios Calibration Within 10 mL (Yes / No) PUMP RETRIEVAL DAY Timer Ending Date/Time:) Z-4 12100A Date: 12-4-09 Ending Flow Rate (L/min): 2000 Time: 7:57 Am Total Sample Volume (L): o F LO Total Sample Time (min): 7 2 0 0 Atmospheric pressure (mm Hg): 27.52 Temperature inside station unit (°F): 10 Pun P/1819 8 0x COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault

DATE:

SIGNATURE:

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA** TA-0032 ADDITIONAL DAILY CHECK RECORDS Station Location: T-4QC (Troy Info Center) Sample ID: Field Technician: Oh. Pump Type/Model: SKC AirChek 2000 Filter Lot #: 18833- 0, Pump Number: 36444 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): NO (Field Tech Initials) Flow Rate (L/min): Zooo Date: 11-29-09 Cumulative Sample Volume (L): 2301 Time: 7:108m Cumulative Sample Time (min): 11,5 o Atmospheric pressure (mm Hg): 27.55 Temperature inside station unit (F): 36.5 Pump Battery voltage reading (volts): 12,95 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): NO Flow Rate (L/min): 2000 Date: 11-30-09 (49) Cumulative Sample Volume (L): Time: 4 155Pm Cumulative Sample Time (min): 2455 Atmospheric pressure (mm Hg): 27.57 Temperature inside station unit (F): 39.9 Pump/46 Box Battery voltage reading (volts): 12,83 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): ~~o Flow Rate (L/min): 2000 Date: 12-1-09 (40) Cumulative Sample Volume (L): 6907 Time: 9:33 000

	Cumulative Sample Time (min): 3 4 5 3 Atmospheric pressure (mm Hg): 27.87 Temperature inside station unit (F): 27.7 Pume/3389 Battery voltage reading (volts): 12.7 H
DAILY CHECK (For each station visit (Field Tech Initial Date: 12-2-∞9 (999) Time: 8', ≥ ⊆ (999)	And a service to the service of the
DAILY CHECK (For each station visit (Field Tech Initia Date: 12-3-09 (44) Time: 7:078m ()	

OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S TA-0041 Sample ID #: Station Location: T-4QC (Troy Info Center) Field Technician: Filter Lot #: 18833- 0 1 Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Pump Number: 36444 Sample Parent ID#: 7 x - 00 40 PUMP SETUP DAY Timer Beginning Date/Time: /2-9-09 /2:00 / 12:00 / 12:00 Date: 12 - 78 - 09 Beginning Flow Rate (L/min): ょっ。 Time: 1 3 4 Pump Programmed (Yes / No): 4es ا کے اللہ Bios Calibration Within 10 mL (Yes / No) PUMP RETRIEVAL DAY Timer Ending Date/Time: 1200 Am Ending Flow Rate (L/min): 3000 Date: 12 - 14 - 09 Time: 5; 418m Total Sample Volume (L): 0 F LO Total Sample Time (min): 7200 Atmospheric pressure (mm Hg): 27.99 Temperature inside station unit (°F): / 7, 8 Pump/7/ B > COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault SIGNATURE: DATE:

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA TA-0041** ADDITIONAL DAILY CHECK RECORDS Sample ID# Station Location: T-4QC (Troy Info Center) Filter Lot #. 18833- 01 Field Technician: / Pump Type/Modél: SKC AirChek 2000 Pump Number: 36444 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): // () Date: 12-9-09 (99) Flow Rate (Umin): 3 000 Cumulative Sample Volume (L): 고 중9 나 Time: 4:05 pm (Cumulative Sample Time (min): 96 4 Atmospheric pressure (mm Hg): 2801 Temperature inside station unit (F): 63,6 Battery voltage reading (volts): / 2, 9 z DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): NO (Field Tech Initials) Flow Rate (L/min): 3066 Date: 12-10-09 (98) Cumulative Sample Volume (L) 7 7 1499 55 Time: (, 55 A.m (Cumulative Sample Time (min): 1853 Atmospheric pressure (mm Hg): 그 기가나 Temperature inside station unit (F): _ 61,5 Battery voltage reading (volts): 12,79 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): NO (Field Tech Initials) Date: 12-11-09 Flow Rate (L/min): 3000 Cumulative Sample Volume (L): 🍏 🎓 🗀 🔾 Time: 7:09 Pm Cumulative Sample Time (min): 4030 Atmospheric pressure (mm Hg): 27,67 Temperature inside station unit (F): 67, 4 Pum P Battery voltage reading (volts): 12, 69 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No):_____O (Field Tech Initials) Date: 12-12-09 (99) Time: 9:48 Am () Flow Rate (L/min): 3000 Cumulative Sample Volume (L): JF LO

	Te	Cumulative Sample Time (min): 4908 Atmospheric pressure (mm Hg): 27.64 Imperature inside station unit (F): 67.7 Pame/688 Battery voltage reading (volts): /2.64
DAILY CHECK (For each stati	on visit)	and and a state of the
(Field 7	ech Initials)	PUMP FAULT (Yes / No): NO
Date: 17-13-09 (9	9	Flow Rate (L/min): 3000
Time: 2:28 gm ()	Cumulative Sample Volume (L): 0 x 4 0
		Cumulative Sample Time (min): 6629
		Atmospheric pressure (mm Hg): 27.64
	Te	mperature inside station unit (F): 76.1 Pump / 75 B
		Battery voltage reading (volts): /2.60

D/X

OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA! TA-0052

ADDITIONAL DAILY CHECK RECORDS	
Station Location: T-4QC (Troy Info Center) Sample ID #:	
Filter Lot #: 18833- 0 2	
Pump Type/Model: SKC AirChek 2000	
Pump Number: 36444	
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT (Yes / No):	
Date: 12-19-09 (44) Flow Rate (L/min): 3000	
Time: 3:31 Pm () Cumulative Sample Volume (L): 27,92	
Cumulative Sample Time (min): 930	
Atmospheric pressure (mm Hg): 28,18	
Temperature inside station unit (F): \$9.0 Pump/8080	
Battery voltage reading (volts): 12,97	
3 ()	
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT (Yes / No):	
Date: 12-20-09 (94) Flow Rate (L/min): 3000	
Time: 10; 42Am () Cumulative Sample Volume (L): 6246	
Cumulative Sample Time (min): 2 0 8 Z	
Atmospheric pressure (mm Hg): 28,09	
Temperature inside station unit (F): 86.9/Phme/7380	١.
Battery voltage reading (volts): 77.80	X
butter) voiting (voits).	
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT (Yes / No): NO	
Date: 12-21-09 (49) Flow Rate (L/min): 3000 Time: 5:39 Fm () Cumulative Sample Volume (L): 0 FLO	
Cumulative Sample Time (min): 39,40	
Atmospheric pressure (mm Hg): 27,83	
Temperature inside station unit (F): 90,2 Pump 80 0 x Battery voltage reading (volts): 12,68	٢
Battery voltage reading (volts). 7 2, 6 5	
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT (Yes / No):	
Date: 12-22-09 (90) Flow Rate (L/min): 3000	
Time: (4134 Pm () Cumulative Sample Volume (L): OFLO	
Cumulative Sample Time (min): 543 4	
Atmospheric pressure (mm Hg): 28,14	
Temperature inside station unit (F): 88, 2 Pump / 29 40x Battery voltage reading (volts): 12.63	
battery voltage reading (volts). 12.63	
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT (Yes / No):	
Date: /2 - 23 - 09 (24) Flow Rate (L/min) 3000	
Cumulative Sample Time (min): 6921	
Atmospheric pressure (mm Hg): 28,44	
Temperature inside station unit (F): 78.884 mg 70 So	X
Battery voltage reading (volts): 12,56	

OU7 OUTDOOR	TA-0052
Station Location: T-	IQC (Troy Info Center) Sample ID #:
Field Technician: (Filter Lot #: 18833- 02
Pump Type/Model: Sk	C AirChek 2000 Sample Type. TEM
Pump Number: 36	
PUMP SETUP DAY	(2'018)
	Timer Beginning Date/Time: 12 - 19 - 0 9 /2:004
Date: 12-18-09	Beginning Flow Rate (L/min): 3000
Time: 3:478m	Pump Programmed (Yes / No): Yes
	Bios Calibration Within 10 mL (Yes / No) Ye 5
PUMP RETRIEVAL DAY	
	Timer Ending Date/Time: 12-24-09 12:00
Date: 12 - 24 - 09	Ending Flow Rate (L/min): 3000
Time: 3 , 24 pm	Total Sample Volume (L): った に ゅ
	Total Sample Time (min): ファック
	Atmospheric pressure (mm Hg): 25.55
	Temperature inside station unit (°F): 76,2 Риме /74 в ох
SIGNATURE:	DATE:

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S** TA-0061 Station Location: T-4QC (Troy Info Center) Sample ID #: Field Technician: Filter Lot #: 18833- 0 7-Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Pump Number: 36444 Sample Parent ID #: TA - 00 6 0 PUMP SETUP DAY Timer Beginning Date/Time: / 2 - 2 9 - 0 9 Beginning Flow Rate (L/min): Date: 12-28-09 Pump Programmed (Yes / No): Bios Calibration Within 10 mL (Yes / No) Yes PUMP RETRIEVAL DAY Timer Ending Date/Time: 4-2-10 12:00Am Ending Flow Rate (L/min): 3 Total Sample Volume (L): 0540 Total Sample Time (min): 7200 Atmospheric pressure (mm Hg): 2 % . 4 % Temperature inside station unit (°F): 90.6 Pump COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault

DATE:

SIGNATURE:

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S** TA-0061 ADDITIONAL DAILY CHECK RECORDS Station Location: T-4QC (Troy Info Center) Sample ID #: Filter Lot #: 18833- 02 Field Technician: (X) Pump Type/Model: SKC AirChek 2000 Pump Number: 36444 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): ~ o Flow Rate (L/min): Date: / z - z 9 - 09 (49) Cumulative Sample Volume (L): 3449 Time: 7'10 Pm Cumulative Sample Time (min): 1149 Atmospheric pressure (mp +1q): 28,13 Temperature inside station unit (F): 8 2 8 Pump Battery voltage reading (volts): 13.85 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Flow Rate (L/min): Date: 17-30+09 Time: 7107 Pm Cumulative Sample Volume (L): Cumulative Sample Time (min): 2586 Atmospheric pressure (mm Hg): 28,23 Temperature inside station unit (F): 86.9 Pump Battery voltage reading (volts): 12.4 4 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): No (Field Tech Initials) Flow Rate (L/min): Date: 12-31-09 (99) Cumulative Sample Volume (L): 0 FLO Time:)0:37 Cumulative Sample Time (min): 3 4 87 Atmospheric pressure (mm Hg): 2 % .2 5 Temperature inside station unit (F): \$5.284mp/75 Battery voltage reading (volts): / 2. 62 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Date: 1-1-10 Flow Rate (L/min): Cumulative Sample Volume (L): 3 Fr 4 & Time: 12:17 Pm Cumulative Sample Time (min): 5057 Atmospheric pressure (mm Hg): 2 7 1 Temperature inside station unit (F): Battery voltage reading (volts):/2.5% DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Date: 1 - 2 -/0 Flow Rate (L/min): Cumulative Sample Volume (L): 0 × 40 Time: 11:18 Am Cumulative Sample Time (min): 6438 Atmospheric pressure (mm Hg): 28.29 IN 5 Temperature inside station unit (F): 91,6 Pume Battery voltage reading (volts): 12.49

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA? TA-0070

Station Location: T-4QC (Troy Ir	nfo Center) Sample ID #
Field Technician: 44	Filter Lot #: 18833- 6 2_
Pump Type/Model: SKC AirChek :	2000 Sample Type: TEM
Pump Number: 36444	Sample Parent ID #: T A - 00 69
PUMP SETUP DAY	12.00Am
	Timer Beginning Date/Time: 1 - 8 - 10
Date: 1-7-10	Beginning Flow Rate (L/min):
Time: 3'.29 Pm	Pump Programmed (Yes / No): Ves
Bios	Calibration Within 10 mL (Yes / No) Yes
PUMP RETRIEVAL DAY	12:00Am
	Timer Ending Date/Time: / - 🌊 - / o
Date: 1-13-10	Ending Flow Rate (L/min):
Time: 9:07 Am	Total Sample Volume (L): OFLO
	Total Sample Time (min): 7200
	Atmospheric Pressure (INS) 27.18
T	emperature inside station unit (°F): 89.3 rume / 7960
	taken, major storm events, vandalism, and reason for pump faul
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	-
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	-
	
A A /	-
IGNATURE: Om (borden	DATE: /-/ ? -)O

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA** TA-0070 ADDITIONAL DAILY CHECK RECORDS Station Location: T-4QC (Troy Info Center) Sample ID # Field Technician: O. G. Pump Type/Model: SKC AirChek 2000 Filter Lot #: 18833- 0 2 Pump Number: 36444 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Date: 1-8-10 Flow Rate (L/min): Time: Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric Pressure (INS) Temperature inside station unit (F): 69.5 Pump Battery voltage reading (volts): 12.89 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Date: 1.9-10 Flow Rate (L/min): Time: 11:09 Am Cumulative Sample Volume (L): Cumulative Sample Time (min): 2105 Atmospheric Pressure (INS) 😞 😽 Temperature inside station unit (F): 74 8 PH mP Battery voltage reading (volts): 12.76 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Date: 1-10-10 Flow Rate (L/min): Time: 12:13 Pm Cumulative Sample Volume (L): OFLO Cumulative Sample Time (min): 36,13 Atmospheric Pressure (INS) 28.49 Temperature inside station unit (F): 88.3 Pump Battery voltage reading (volts): 12.64 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Date: |-1|-10 Flow Rate (L/min): Time: 8108Am Cumulative Sample Volume (L): Cumulative Sample Time (min): 4808 Atmospheric Pressure (INS) 2828 Temperature inside station unit (F): 88.6 PUMP Battery voltage reading (volts): 12,59 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): No (Field Tech Initials) Date: 1-12-10 Time: 10:06Am Flow Rate (L/min): Cumulative Sample Volume (L): OFLO Cumulative Sample Time (min): 6365 Atmospheric Pressure (INS) 28.03 Temperature inside station unit (F): 89.8 Pump Battery voltage reading (volts): 17,55

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA 5

	TA-0081
Station Location: T-4QC (
Field Technician:	Filter Lot #: 18833- 0 2-
Pump Type/Model: SKĆ Aii Pump Number: 36444	
Pump Number: 36444	Sample Parent ID #: T A - 007 0
P SETUP DAY	12'.0
	Timer Beginning Date/Time: 1 - 1% - 10
Date: 1-17-10	Beginning Flow Rate (L/min):
Time: 2 '. 58 Pm	Pump Programmed (Yes / No):
	Bios Calibration Within 10 mL (Yes / No)
P RETRIEVAL DAY	12:00
	Timer Ending Date/Time: 1-23-10
Date: 1-23-10	Ending Flow Rate (L/min): 3
Time: 9:45 Am	Total Sample Volume (L): OFLO
	Total Sample Time (min): 7200
	Atmospheric Pressure (INS) 27,65
	Temperature inside station unit (°F): 86, 5 Pume/6:
NATURE: On Christian	DATE: 1-) 3- 10

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA!** TA-0081 ADDITIONAL DAILY CHECK RECORDS Station Location: T-4QC (Troy Info Center) Sample ID #. Field Technician: 40 Pump Type/Model: SKC AirChek 2000 Filter Lot #: 18833- 0 2 Pump Number: 36444 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): No (Field Tech Initials) Flow Rate (L/min): Date: 1-18-10 Cumulative Sample Volume (L): 2049 Time: 1) 12 3 Am (Cumulative Sample Time (min): 683 Atmospheric Pressure (INS) 27.7% Temperature inside station unit (F): 88.4 Pump Battery voltage reading (volts): 12.86 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Date: (- 19 - 10 Flow Rate (L/min): Cumulative Sample Volume (L): 6223 Time: 10:34Am (Cumulative Sample Time (min): 2074 Atmospheric Pressure (INS) 27.66 Temperature inside station unit (F): \$4.9 Pump Battery voltage reading (volts): 12.68 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No):_____ (Field Tech Initials) Flow Rate (L/min): Date: 1- 20 -10 Time:) 1.2.2 Pm (Cumulative Sample Volume (L): 0 F L 0 Cumulative Sample Time (min): 3 682 Atmospheric Pressure (INS) 27,5% Temperature inside station unit (F): 92.9 Pume Battery voltage reading (volts): 12,60 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): No Flow Rate (L/min): Date: 1 - 21 -10 Cumulative Sample Volume (L): 0 F L O Time: 10:00 Am Cumulative Sample Time (min): 4920 Atmospheric Pressure (INS) 27.50 Temperature inside station unit (F): 84.5 Pump/ Battery voltage reading (volts): 12.55 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): 20 (Field Tech Initials) Flow Rate (L/min): Date: 1-22-10 Cumulative Sample Volume (L): 0 FL 0 Time: 12:43Pm Cumulative Sample Time (min): 6522

Atmospheric Pressure (INS) 27.43
Temperature inside station unit (F): 85.164me/
Battery voltage reading (volts): 12.47

THE REPORT OF THE	TRA TECH EM INC.		
OU7 OUTDOOR AMBIENT	AIR - FIELD SAMPLE DATA SP	CCT (CODO)	-
ADDITIONA	L DAILY CHECK RECORDS	TA-0003	
Station Location: T-	Sample ID #:		
Field Technician:	Filter ID #:	18833-01	
Pump Type/Model: SKC AirChek 200	00	, 3 9 3 3	
Pump Number: 3642		1 10	
DAILY CHECK (For each station visit)			1)
(Field Tech Initials)	PUMP FAULT (Yes / No):	NO	
Date: 10 - 31-09 (99-)	Timer Time (min):	2027	
Time: 9 HS Am ()	Flow Rate (L/min):	3000	
-0.1	Cumulative Sample Volume (L):	6084	
	Cumulative Sample Time (min):	2027	
	Atmospheric pressure (mm Hg):	27,58	
	Temperature inside station unit ("F):	56.6	
	Battery voltage reading (volts):	12,62	
DAILY CHECK (For each station visit)	DUMP FALLT (V 121-)		14 175
(Field Tech Initials) Date: (44)	PUMP FAULT (Yes / No): Timer Time (min):	NO.	
Time:	Flow Rate (L/min):	3779	
Tille. J. Oo pm	Cumulative Sample Volume (L):	3000	
73.12	Cumulative Sample Volume (L). Cumulative Sample Time (min):	0FL0	
-	Atmospheric pressure (mm Hg):	37.77	
	I emperature inside station unit ("F):	28,06	0 ,
	Battery voltage reading (voits):	5/1/ PUMP/ SI	POX
		12.55	
DAILY CHECK (For each station visit)			
(Field Tech Initials)	PUMP FAULT (Yes / No):	NO	
Date: 11- 2-09 (98)	Timer Time (min):	4590	
Time: 8 13 18 m ()	Flow Rate (L/min):	3000	
	Cumulative Sample Volume (L):	OFLO	
1.00	Cumulative Sample Time (min):	4390	100
	Atmospheric pressure (mm Hg):	28.04	42
	I emperature inside station unit ("F):	39 1 PHMF /3	XOG C
	Battery voltage reading (volts):	12.47	
DAILY CHECK (For each station visit) (Field Tech Initials)	PUMP FAULT (Yes / No):		
Date: 11-2-09 ()	Timer Time (min):	6345	
Time: < 4 5 0 ()	Flow Rate (L/min):	3000	
8.75Am	Cumulative Sample Volume (L):	0 F L 0	18
	Cumulative Sample Time (min):	6345	
	Atmospheric pressure (mm Hg):	28,06	4.51
	Temperature inside station unit ("F):	40,1 Pump/32	box
	Battery voltage reading (volts):	12.42	
DAILY CHECK (For each station visit)	DUMP FACE TO A CONTROL OF THE CONTRO		
(Field Tech Initials)	PUMP FAULT (Yes / No):		
Date: 11/4/07 (ms)	Timer Time (min):		
Time: 10:45mm (ms)	Flow Rate (L/min):		
	Cumulative Sample Volume (L):		
	Cumulative Sample Time (min): Atmospheric pressure (mm Hg):		
	remperature inside station unit ("F):		
	Battery voltage reading (volts):	12.50	
	,	19.30	

TE	TRA TECH EM INC.	
OU7 OUTDOOR AMBIENT	AIR - FIELD SAMPLE DATA SH	IEET (FSDS)
Station Location: T- 5	Sample ID #:	TA-0003
Field Technician: Mas JJ	Filter ID #:	18833-01
Pump Type/Model: SKC AirChek 20	00 Sample Type:	TEM
Pump Number: 36427	Sample Parent ID #;	TA-0003
TART DAY		
: x	Timer Beginning Time:	12:00 mm
Date: 10 /30/00	Beginning Flow Rate (L/min):	3 LPM
Time: 12:00 m	Atmospheric pressure (mm Hg):	
	Temperature inside station unit (°F):	
TOP DAY		
	Timer Ending Time:	1200 m
Date: 11/4/09	Ending Flow Rate (L/min):	3000
Time: 10:45 cm	Total Sample Volume (L):	OFLO
	Total Sample Time (min):	7200
	Atmospheric pressure (mm Hg):	27.93
	Temperature inside station unit (°F):	54.3°
AILY CHECK (complete separate DAILY CH	HECK for each station visit - addition	al records on back)
(Field Tech Initials)	PUMP FAULT (Yes / No):	NO
Date: 10/30/09 (997)	Timer Time (min):	652
Time: 10:52 Am ()	Flow Rate (L/min):	3000 mL/n
	Cumulative Sample Volume (L):	19.57
	Cumulative Sample Time (min):	652
	Atmospheric pressure (mm Hg):	27.67 ins
	Temperature inside station unit (°F):	49,2°
	Battery voltage reading (volts):	12.74
MMENTS: (Please note all photographs take	en, major storm events, vandalism, and	reason for pump fault)
dded store thermome		10/2/09
anea Store The morn	E.C. INSTOCE BOX	10/31/1
GNATURE:	DATE:	

		ETRA TECH EM INC.	
OU7 OU1	TDOOR AMBIENT	AIR - FIELD SAMPLE DATA SH	
Station Locati	ion: T.F./Ot. Ob.		TA-0015
	ion: T-5 (County Sho		
Field Technic	94)		18833- 🔾]
	del: SKC AirChek 20		
Pump Numb	per: <u>36427</u>	Sample Parent ID #:	TA-0015
START DAY			
		Timer Beginning Time:	13'00 1
Date: // - 9 - 0	-9	Beginning Flow Rate (L/min):	The state of the s
Time: 12:00	0	Pump Programmed (Yes / No):	3000
12,00		os Calibration Within 10 mL (Yes / No)	173
	ы	os Cambration Within 10 ML (Yes / No)	Yes
STOP DAY			
		Timer Ending Time:	7200 12:00 Am
Date: 11 - , 4	-09	Ending Flow Rate (L/min):	3000
Time: 7 11 5	2 50	Total Sample Volume (L):	3666
2,77		Total Sample Time (min):	
		Atmospheric pressure (mm Hg):	
		Temperature inside station unit (°F):	
		,,,,,,,, -	37,4/ Fump/40 Bo
DAILY CHECK (complete	e separate DAILY CI	HECK for each station visit - addition	nal records on back)
	(Field Tech Initials)	PUMP FAULT (Yes / No):	*
Date:	()	Flow Rate (L/min):	
Time:		Cumulative Sample Volume (L):	
-		Cumulative Sample Time (min):	
		Atmospheric pressure (mm Hg):	
		Temperature inside station unit (°F):	
		Battery voltage reading (volts):	
		, , ,	
COMMENTS: (Please not	e all photographs tak	en, major storm events, vandalism, an	d reason for pump fault)
			-
			-
			-
			-
SIGNATURE:		DATE:	

	TRA TECH EM INC.	
	AIR - FIELD SAMPLE DATA SH	
	L DAILY CHECK RECORDS	TA-0015
Station Location: T-5 (County Short Field Technician:	Sample ID #: Filter Lot #:	10022
Pump Type/Model: SKC AirChek 200		18833- 6 1
Pump Number: 36427		
DAILY CHECK (For each station visit)		
(Field Tech Initials)	PUMP FAULT (Yes / No):	No
Date: 11-09-09 (4)	Flow Rate (L/min):	
Time: 7'44 0 ()	Cumulative Sample Volume (L):	1342
Traff Have	Cumulative Sample Time (min):	4/03
	Atmospheric pressure (mm Hg):	27.83
	Temperature inside station unit ("F):	42,5 PHMP / 35BOX
	Battery voltage reading (volts):	12.91
DAILY CHECK (For each station visit) (Field Tech Initials)	PUMP FAULT (Yes / No):	
Date: 1 - a / M)	Flow Rate (L/min):	_N0
Time: 2 . 2 . 3 8 m ()	Cumulative Sample Volume (L):	6909
C. 23 8 M	Cumulative Sample Time (min):	2302
	Atmospheric pressure (mm Hg):	27.89
	I emperature inside station unit ("F):	56.8 Pump/49 box
	Battery voltage reading (volts):	12.75
DAILY CHECK (For each station visit) (Field Tech Initials)	PUMP FAULT (Yes / No):	
Date: 11 - 11 - 99 (%)	Flow Rate (L/min):	3000
Time: 11'-40 ()	Cumulative Sample Volume (L):	
11170 11	Cumulative Sample Time (min):	3579
	Atmospheric pressure (mm Hg):	27,61
	l'emperature inside station unit (*F):	111111111111111111111111111111111111111
	Battery voltage reading (volts):	12.62
DAILY CHECK (For each station visit)		
(Field Tech Initials)	PUMP FAULT (Yes / No):	~ 0
Date: 11-12-09 (4)	Flow Rate (L/min):	3000
Time: 1:49 Pm ()	Cumulative Sample Volume (L):	OFLO
	Cumulative Sample Time (min):	5149
	Atmospheric pressure (mm Hg):	27.56
	l emperature inside station unit ("F): Battery voltage reading (volts):	507 Pump 43 BOX
	Battery voltage reading (volto).	12,53
DAILY CHECK (For each station visit)		
(Field Tech Initials)	PUMP FAULT (Yes / No):	NO
Date: 11-13-09 (%)	Flow Rate (L/min):	3 400
Time: 1,02 pm ()	Cumulative Sample Volume (L):	3560
	Cumulative Sample Time (min):	6542
	Atmospheric pressure (mm Hg): I emperature inside station unit ("F):	1.4
	Battery voltage reading (volts):	
	, ,	

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA (ADDITIONAL DAILY CHECK RECORDS

TA-0024

ADDITIONAL DAILY CHECK	RECORDS IN OULT
Station Location: T-5 (County Shops)	Sample ID #
Field Technician:	Filter Lot #: 18833- 0 1
Pump Type/Model: SKC AirChek 2000	
Pump Number: 36427	
,	
DAILY CHECK (For each station visit)	Constitution of the consti
	_T (Yes / No): 📈 o
Date: 11-19-09 (99) Flow	Rate (L/min): 3000
	le Volume (L): 1573
- Control of Control o	ele Time (min): 5 Z 5
Atmospheric press	sure (mm Hg): 2774
l emperature inside st	ation unit (F): 9 49.5 Pump 34 80k
Battery voltage r	eading (volts): 12,35
Pet heat	er volts 12,52
DAILY CHECK (For each station visit)	
	_T (Yes / No): ✓ o
Date: 11-20-8 9 (94) Flow	Rate (L/min): 3 0 0
	lo Volumo (L):
	le Volume (L): 5351
	le Time (min): 1450
Atmospheric press	sure (mm Hg):
Temperature inside st	ation unit (F): 51.4 Phm P/3780X 3980
	eading (volts): 12,6%
Pether	
DAILY CHECK (For each station visit)	7-13-3
	T (Yes/No): No
(ried rechilidas) FOIVIF FAOL	Date (Lorin):
	Rate (L/min): 3000
	le Volume (L): OFLO
Cumulative Samp	le Time (min): 3846
Atmospheric press	sure (mm Hg): 2 7.68
Temperature inside sta	ation unit (F): 57.7 P1 m P 145 B 9x
	eading (volts): 12,52
DAILY CHECK (For each station visit)	ater 12,17
·	T (Mary / Nia)
(Field Tech Initials) PUMP FAUL	T (Yes / No): No
Date: $11-22-01$ (99)	Rate (L/min):
	le Volume (L): $\sigma F L \circ$
Cumulative Samp	le Time (min): 5115
	sure (mm Hg): 27.42
Temperature inside st	ation unit (F): 34.6 Pumpl 41 Box
Battery voltage re	
Pet He	2115 11.99
DAILY CHECK (For each station visit)	- a/ - 111)
2/4	.T (Yes / No):
Date: //- > 3-09 (99) Flow	Rate (L/min): 3000
Time: 5:048m () Cumulative Sampl	le Volume (L): JF40
Cumulative Sample	
Atmospheric press	The state of the s
	ation unit (F): 56.68498/4430A
	eading (volts): 12.35
pet He	2711 11.78

OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATAS

			1A-0024
Station Location: T-5	(County Shops)	Sample ID #:	
Field Technician:	7	Filter Lot #: _	18833- 01
Pump Type/Model: SK		Sample Type:	
Pump Number: 364	27	Sample Parent ID #:	TH-OOK
PUMP SETUP DAY			- 1.
24 11 10 50		Timer Beginning Date/Time:	
Date: 1-18-09		Beginning Flow Rate (L/min):	
Time: 3,00 pm		mp Programmed (Yes / No):_	
	Bios Calibra	tion Within 10 mL (Yes / No)_	Yes
PUMP RETRIEVAL DAY			
		Timer Ending Date/Time:	11-24-12:00Am
Date: 11-24-09		Ending Flow Rate (L/min):	3000
Time: 9', 49 Am		Total Sample Volume (L):	OFLO
		Total Sample Time (min):	7200
	Atm	ospheric pressure (mm Hg):	28,00
		ature inside station unit (°F):	
	-		
			-
			_
SIGNATURE:		DATE:	

OUT OUT DOOK AIM	TA-0033
Station Location: T-5 (C	County Shops) Sample ID #
Field Technician:	Filter Lot #: 18833- 👌
Pump Type/Model: SKC A	The state of the s
Pump Number: 36427	Sample Parent ID #:
JMP SETUP DAY	· · · · · · · · · · · · · · · · · · ·
v =5	Timer Beginning Date/Time: 11-29-09 / 1 2'.ooA+
Date: 11- 28-69	Beginning Flow Rate (L/min): 200
Time: 1: 59 pm	Pump Programmed (Yes / No): Yes
	Bios Calibration Within 10 mL (Yes / No)
MP RETRIEVAL DAY	
	Timer Ending Date/Time: 12-4 12:00@ m
Date: 12- 4-09	Ending Flow Rate (L/min): 2 000
Time: 8112 Am	Total Sample Volume (L): _ o チムの
	Total Sample Time (min): 72 00
	Atmospheric pressure (mm Hg): 27.78
	Temperature inside station unit (°F): Z3 e4 p
SNATURE:	DATE:

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA TA-0033** ADDITIONAL DAILY CHECK RECORDS Station Location: T-5 (County Shops) Sample ID; Field Technician: Pump Type/Model: SKC AirChek 2000 Filter Lot #: 18833-@ 1 Pump Number: 36427 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): ~C (Field Tech Initials) Flow Rate (L/min): 2000 Time: 7 Cumulative Sample Volume (L): Cumulative Sample Time (min): 1142 Atmospheric pressure (mm Hg): 27,90 Temperature inside station unit (F): 47,7 Pump Battery voltage reading (volts): 12, 83 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): ~ (Field Tech Initials) Flow Rate (L/min): Zooo Date: 11-30-09 Cumulative Sample Volume (L): 485 Z Time: 4: 26 Pm Cumulative Sample Time (min): 2426 Atmospheric pressure (mm Hg): 27,57 Temperature inside station unit (F): 50,8 / 4mp Battery voltage reading (volts): 12,74 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): ~ o Date: 12-1-09 Flow Rate (L/min): 2000 Time: 3:408m Cumulative Sample Volume (L): 7641 Cumulative Sample Time (min): 3820 Atmospheric pressure (mm Hg): 27.88 Temperature inside station unit (F): 46.4 Pump/4/80x Battery voltage reading (volts): / Z, 6 7 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): ~ o Flow Rate (L/min): 2000 Date: 1 2-2-09 (99) Cumulative Sample Volume (L): 9 6 3 Time: 51)50m Cumulative Sample Time (min): 4815 Atmospheric pressure (mm Hg): 27.89 Temperature inside station unit (F): 30.4 Pump Battery voltage reading (volts): 1 2, 5 9 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): ~~ 0 (Field Tech Initials) Flow Rate (L/min): 2000 Date: 17 - 3 -09 Cumulative Sample Volume (L): oFLO Time: 7:176m Cumulative Sample Time (min): 6917 Atmospheric pressure (mm Hg): 27,89

Temperature inside station unit (F): 30.1 Pump
Battery voltage reading (volts): 12.54

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA 5** TA-0042 Station Location: T-5 (County Shops) Sample ID #: Field Technician: (1) Filter Lot #: 18833- 0] Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Pump Number: 36427 Sample Parent ID #: PUMP SETUP DAY Timer Beginning Date/Time: / 2 - 9 - 09 / 2:00 # ~ Beginning Flow Rate (L/mín): 3000 Date: 12-7 -69 Pump Programmed (Yes / No): Yes Time:); 3 5 pm Bios Calibration Within 10 mL (Yes / No) Yes PUMP RETRIEVAL DAY Timer Ending Date/Time: 12 - 14 /2:00/ M Ending Flow Rate (L/min): 3000 Date: 12-14-09 Total Sample Volume (L): OFLO Time: 4:50 Pm Total Sample Time (min): 7200 Atmospheric pressure (mm Hg): 27.64 Temperature inside station unit (°F): 37, 5 Pum P 27 Box COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault F 4A was displayed

SIGNATURE: My DATE: 12-12-09

TETRA TECH EM INC. **OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA!** TA-0042 ADDITIONAL DAILY CHECK RECORDS Sample ID # Station Location: T-5 (County Shops) Filter Lot #: 18833- 0 | Field Technician: 🛭 🔏 Pump Type/Model: SKC AirChek 2000 Pump Number: 36427 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) (mas,) JU Flow Rate (Umin): 3 000 Cumulative Sample Volume (L): 7.060 019 Cumulative Sample Time (min): Atmospheric pressure (mm Hg): Temperature inside station unit (F): Battery voltage reading (volts): DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Flow Rate (L/min): 3000 Date: 12-10-09 (09) Cumulative Sample Volume (L): 5457 Cumulative Sample Time (min): 18/ Atmospheric pressure (mm Hg): Temperature inside station unit (F): 32,6 Battery voltage reading (volts): 1 > . DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): ~ 0 Date: 12-11-09 Flow Rate (L/min): 3000 Cumulative Sample Volume (L): 5 2 4 5 Time: 8102 Cumulative Sample Time (min): 40 %2 Atmospheric pressure (mm Hg): 27.32 Temperature inside station unit (F): 36, 4 PhmP Battery voltage reading (volts): 12,55 Heater DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): No (Field Tech Initials) Flow Rate (L/min): Date: 12-12-09 (98) Cumulative Sample Volume (L): > FLO Time: 9; 25 Am Cumulative Sample Time (min): 4985 Atmospheric pressure (mm Hg): 27, 29 Temperature inside station unit (F): 37,194me Battery voltage reading (volts): 12,53 Heater 11.95 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): ~ c (Field Tech Initials) Flow Rate (L/min): 3000 Date: 12 - 13-09 (49) Cumulative Sample Volume (L): OFLO Time: 3;19 pm (Cumulative Sample Time (min): 6679 Atmospheric pressure (mm Hg): 27. 3/ Temperature inside station unit (F): Y 5.8 Pum F Battery voltage reading (volts): 12,49

Heater 11.66

	RA TECH EM ING.
OU7 OUTDOOR AMBIENT A	
ADDITIONAL	
Station Location: T-5 (County Sho	
Field Technician:	Filter Lot #: 18833- & 2
Pump Type/Model: SKC AirChek 20	00
Pump Number: 36427	
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No): 🌙 🔊
Date: 12-19-09 (49)	Flow Rate (L/min): 3000
Time: 3:23 Pm ()	Cumulative Sample Volume (L): 2770
	Cumulative Sample Time (min): 92.3
	Atmospheric pressure (mm Hg): 27.77
Te	mperature inside station unit (F): 47.9 Pump / 3980)
	Battery voltage reading (volts): 12.44
	heater - 12.71
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No):
Date: 12-20-09 (99)	Flow Rate (L/min): 3000
Time: //: 13 Am ()	Cumulative Sample Volume (L): 4354
1777	Cumulative Sample Time (min): 21/8
	Atmospheric pressure (mm Hg): 27,65
Te	mperature inside station unit (F): 46.1 Pume/37 Box
	Battery voltage reading (volts): 12,39
	heuter - 12,52
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No):
Date: 12-21-04 (44)	Flow Rate (L/min): 3000
Time: 5:07 Pm ()	Cumulative Sample Volume (L): OF LO
	Cumulative Sample Time (min): 3907
	Atmospheric pressure (mm Hg): 3735
Те	mperature inside station unit (F): 54. 2 PUMP 4280
	Battery voltage reading (volts): /2. 33
1	heuter - 1202
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No): 🚜 o
Date: /Z - Z Z - 09 (99)	Flow Rate (L/min): 3000
Time: 6;03 Pm ()	Cumulative Sample Volume (L): OFLO
<u></u>	Cumulative Sample Time (min): 5403
	Atmospheric pressure (mm Hg): 27.7/
Те	mperature inside station unit (F): 51,594mp/4080)
	Battery voltage reading (volts): 12,27
	heater - 11.72
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No): 🗸 O
Date: /2 - 23-09 (99)	Flow Rate (L/min):
Time: 6:48 Pm ()	Cumulative Sample Volume (L): OFLO
	Cumulative Sample Time (min): 6477
	Atmospheric pressure (mm Hg): 2 %,0)
Te	mperature inside station unit (F): 43.6 Phmp/3380X
	Battery voltage reading (volts): /2,/9
	heater- 11,23

- 5

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S** TA-0053 Sample ID #; Station Location: T-5 (County Shops) Filter Lot #: 18833- 62 Field Technician: 🐠 Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Sample Parent ID#: 78-0053 Pump Number: 36427 PUMP SETUP DAY Timer Beginning Date/Time: 12 - 19 - 09 Beginning Flow Rate (L/min): 3000 Date: 12-18-09 Time: 3:48 em Pump Programmed (Yes / No): 4 es Bios Calibration Within 10 mL (Yes / No) Yes PUMP RETRIEVAL DAY 12:00Am Timer Ending Date/Time: 12 - 2 + 09 Ending Flow Rate (L/min): 3000 Date: 12-24-09 Total Sample Volume (L): o ドレロ Time: 2:46 Fm Total Sample Time (min): 7 200 Atmospheric pressure (mm Hg): 28.11 Temperature inside station unit (°F): 36.0 Pune/318 alx COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fauli

DATE:

SIGNATURE:

TETRA TECH EM INC. OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA! Station Location: T-5 (County Shops) Field Technician: Filter Lot #: 18833- A2

			1A-0002
Station Location: T-5 (Cou	nty Shops)	Sample ID #.	
Field Technician:		Filter Lot #:	18833- 02
Pump Type/Model: ŚKC Air C	Chek 2000	Sample Type	
Pump Number: 36427		Sample Parent ID #:	TA 0062
UMP SETUP DAY			78
		Timer Beginning Date/Time:	
Date: 12 - 28 - 09		eginning Flow Rate (L/min)	
Time: 4:318m		np Programmed (Yes / No):	
۵	Bìos Calibra	tion Within 10 mL (Yes / No)	Ye.s
UMP RETRIEVAL DAY			
		Timer Ending Date/Time:	1-2-10 12'00Am
Date: 1-3-10		Ending Flow Rate (L/min):	
Time: 2:15 pm		Total Sample Volume (L):	OFLO
6		Total Sample Time (min):	72.00
15 18 1	Atm	ospheric pressure (n Hg):	28.03 INS
	Temper	ature inside station unit (°F):	46,0 Pum= 39
COMMENTS: (Please note all photogra	aphs taken, r	najor storm events, vandalis	m, and reason for pump fa
	Atmosp	hing display	heading indicat
		-	
* * * * * * * * * * * * * * * * * * * *			
1	• 6		
SIGNATURE:		DATE:	

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA ? ADDITIONAL DAILY CHECK RECORDS

TA-0062

Station Location: T-5 (County Sh	ops) Sample ID #.
Field Technician:	Filter Lot #: 18833- 0 2
Pump Type/Model: SKC AirChek 20	
Pump Number: 36427	
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No): 💉
Date: 12-29-09 (94)	Flow Rate (L/min):
Time: 6:35 pm ()	Cumulative Sample Volume (L): 3 6 4 6
	Cumulative Sample Time (min): 1) 15
r	Atmospheric pressure (mm Hg): 27.63 (105
Τe	emperature inside station unit (F): 45.1 Pume 31.80
	Battery voltage reading (volts): 12,98
	heater - 12,62
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No):
Date: 12-30-09 (90)	Flow Rate (L/min):
Time: 6:26 pm ()	Cumulative Sample Volume (L): 7639
	Cumulative Sample Time (min): 2546
	Atmospheric pressure (mm Hg): 27.75 ins
Τε	emperature inside station unit (F): 47,5 Pamp 3 3 B ax
	Battery voltage reading (volts): (2, 8)
	heater 1226
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No): 📈 🔾
Date: 12-31-09 (497)	Flow Rate (L/min):
Time: 9:34 Am ()	Cumulative Sample Volume (L):
	Cumulative Sample Time (min): 3 4 5 5
9.40	Atmospheric pressure (mm Hg): 27,79 în.5
Te	emperature inside station unit (F): 48.1P4me/33 80x
	Battery voltage reading (volts): 1272
	heater, 1211
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No):
Date: 1-1-10 (49)	Flow Rate (L/min):
Time: 11:41Am ()	Cumulative Sample Volume (L): o F L&
	Cumulative Sample Time (min): 5022
	Atmospheric pressure (mm Hg): 27.67 in 5
Τe	emperature inside station unit (F): 51.1 Pump/3784X
	Battery voltage reading (volts): 12.58
	heater- 11.86
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No):
Date: 1-2-10 (94)	Flow Rate (L/min): 3
Time: 10:42Am()	Cumulative Sample Volume (L):
	Cumulative Sample Time (min): 6 402
_	Atmospheric pressure (mm Hg): 27.90 INS
Τ€	emperature inside station unit (F): 53.3 / ume/40 80 X
	Battery voltage reading (volts): 13, 47
	heater- 11,53

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA

TA-0071

Station Location: T-5 (County Shop	Sample ID #
Field Technician:	Filter Lot #: 18833- 0 2
Pump Type/Model: SKC AirChek 200	
Pump Number: <u>36427</u>	Sample Parent ID #: TA-0071
PUMP SETUP DAY	17.0044
	Timer Beginning Date/Time: / - % - / 0
Date: 1-7-10	Beginning Flow Rate (L/min):
Time: 3:30 Pm	Pump Programmed (Yes / No): Yes
Bios Cal	libration Within 10 mL (Yes / No) / e_s
PUMP RETRIEVAL DAY	
7 .	Timer Ending Date/Time: 1/13/15@ 12:00 Am
Date: ///3/10	Ending Flow Rate (L/min): 3
Time: 1000 pm	Total Sample Volume (L): 0 FLo
	Total Sample Time (min): 7,200
	Atmospheric Pressure (INS) 27.60
Tem	nperature inside station unit (°F): นา. 3 คงคง 35 ธงx
COMMENTO (Disease tests all also to constant all all all all all all all all all al	
COMMENTS: (Please note all photographs take	en, major storm events, vandalism, and reason for pump fault
* *	
*	
-	
SIGNATURE: June	DATE: / - / 3 - / 0

TETRA TECH EM INC. OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA TA-0071 ADDITIONAL DAILY CHECK RECORDS Station Location: T-5 (County Shops) Sample ID # Filter Lot #: 18833- 0 Z Field Technician: 00 Pump Type/Model: SKC AirChek 2000 Field Technician: Pump Number: 36427 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): NO (Field Tech Initials) Date: 1-%-10 Flow Rate (L/min): Cumulative Sample Volume (L): 2 2 5 7 Time: 12:32 Pm (Cumulative Sample Time (min): 75/ Atmospheric Pressure (INS) 2 % . 2 3 Temperature inside station unit (F): 39.1 PumP Battery voltage reading (volts): 12, %/ heater - 12.56 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Date: 1-9-10 Flow Rate (L/min): Time: 10:34 Am (Cumulative Sample Volume (L): Cumulative Sample Time (min): 2073 Atmospheric Pressure (INS) 28.17 Temperature inside station unit (F): 39,6 Pum f Battery voltage reading (volts):) Z , 68 heater - 12,14 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Wo Date: 1-10-10 Flow Rate (L/min): Time: 11: 40 9 m (Cumulative Sample Volume (L): OFL 0 Cumulative Sample Time (min): 3580 Atmospheric Pressure (INS) 28.22 Temperature inside station unit (F): 49.9 Pump Battery voltage reading (volts): / 2.53 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Flow Rate (L/min): Date: 1-11-10 (09) Time: 7:37Am Cumulative Sample Volume (L): OFLO Cumulative Sample Time (min): 4 777 Atmospheric Pressure (INS) 28.00 Temperature inside station unit (F): 50.6 PHMP/ Battery voltage reading (volts): 1 Z - 45 heater - 11.51 DAILY CHECK (For each station visit) CL PUMP FAULT (Yes / No): (Field Tech Initials) Ilialio (mas) Date: Flow Rate (L/min): 3 Time: // :28 mm (045) Cumulative Sample Volume (L): OFLO Cumulative Sample Time (min): 6448 Atmospheric Pressure (INS) 27.60 Temperature inside station unit (F): 47.7 pung 38 Box Battery voltage reading (volts): 12.38 HEATER 10202

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S TA-0082 Station Location: T-5 (County Shops) Sample ID #: Field Technician: Filter Lot #: 18833- 0 2 Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Pump Number: 36427 Sample Parent ID#: TA-00%2 PUMP SETUP DAY 12:00A Timer Beginning Date/Time: 1 - 1 % - 10 Date: 1-17-10 Beginning Flow Rate (L/min): 3 Pump Programmed (Yes / No): Time: 2:59 pm Bios Calibration Within 10 mL (Yes / No) PUMP RETRIEVAL DAY 12:000 Timer Ending Date/Time: 1 - 2 3 - 10 Date: -23-10 Ending Flow Rate (L/min): 3 Time: 9:04 Am Total Sample Volume (L): OFLO Total Sample Time (min): 7200 Atmospheric Pressure (INS) 27.18 Temperature inside station unit (°F): 45, Z Pump/35 BOX COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault switchedout heater battery (dead)

DATE: 1-23-10

SIGNATURE: (

TETRA TECH EM INC. OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA ? TA-0082 ADDITIONAL DAILY CHECK RECORDS Station Location: T-5 (County Shops) Sample ID # Field Technician: 26 Pump Type/Model: SKC AirChek 2000 Filter Lot #: 18833-02-Pump Number: 36427 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Date: 1-1-8-10 Flow Rate (L/min): Cumulative Sample Volume (L): 1950 Time: 10:50Am Cumulative Sample Time (min): 656 Atmospheric Pressure (INS) 27.30 Temperature inside station unit (F): 5 3.9 PHMP Battery voltage reading (volts): 12,93 header - 12.28 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): ~ o (Field Tech Initials) Flow Rate (L/min): Date: 1-19-10 Time: 10; 20 Am (Cumulative Sample Volume (L): 619 o Cumulative Sample Time (min): 2060 Atmospheric Pressure (INS) 27,15 Temperature inside station unit (F): 52.5 Pump Battery voltage reading (volts): 12.74 heater - 11.80 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): No (Field Tech Initials) Flow Rate (L/min): Date: 1- 20-10 Cumulative Sample Volume (L): 0 5 40 Time: 12:45 Pm (Cumulative Sample Time (min): 3 645 Atmospheric Pressure (INS) 27.0% Temperature inside station unit (F): 53,2 Pump) Battery voltage reading (volts): 12.59 heater - 11.42 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Flow Rate (L/min): Date: 1-21-10 (99) Time: 9:30Am (Cumulative Sample Volume (L): OFLO Cumulative Sample Time (min): 4890 Atmospheric Pressure (INS) > 7.00 Temperature inside station unit (F): 41.9 P4 mP Battery voltage reading (volts): 12.50 heater-10.73 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): NO (Field Tech Initials) Date: 1- 2 2-10 Flow Rate (L/min): Cumulative Sample Volume (L): 0 FLO Time: / 2'.07Pm Cumulative Sample Time (min): 6486 Atmospheric Pressure (INS) 26.88

Temperature inside station unit (°F): 46.9 PHMP,
Battery voltage reading (volts): 12.40

heater 12.23

OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA SHEFT (FSDS) TA-0002 ADDITIONAL DAILY CHECK RECORDS Station Location: T-Sample ID #: Field Technician: Filter ID #: Pump Type/Model: SKC AirChek 2000 Pump Number: 3642 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No) Date: Ir Timer Time (min): Flow Rate (L/min) Cumulative Sample Volume (L) Cumulative Sample Time (min): Atmospheric pressure (mm Hg): I emperature inside station unit ("F): Battery voltage reading (volts): DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Timer Time (min): 781 Time: Flow Rate (L/min): 000 Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Ha): 8.05 Temperature inside station unit ("F): Battery voltage reading (volts): DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Date:) | Timer Time (min): 4895 Flow Rate (L/min): Time: 000 Cumulative Sample Volume (L): FLO Cumulative Sample Time (min): Atmospheric pressure (mm Ha): I emperature inside station unit ("F): Battery voltage reading (volts): DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No) Timer Time (min): 6350 Flow Rate (L/min): Time: 3000 Cumulative Sample Volume (L): OF LU Cumulative Sample Time (min): 350 Atmospheric pressure (mm Hg): 810 I emperature inside station unit ("F): Battery voltage reading (volts): DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Timer Time (min): Date: Flow Rate (L/min): Time: Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): Temperature inside station unit ("F): Battery voltage reading (volts): 12,50

TETRA TECH EM INC.

TE	TRA TECH EM INC.	
OUT OUTDOOR AMBIENT	AIR - FIELD SAMPLE DATA SH	IEET (ESDS)
OUT OUT DOOK AMBIENT	AIN THEED SAME EL DATA SI	
Station Location: T-	Sample ID #	TA-0002
Field Technician:	Filter ID #:	10022-01
Pump Type/Model: SKC AirChek 200		18833-01
	Sample Parent ID #:	TEM
Pump Number: 36 4 2 3		74-0002
START DAY		
	Timer Beginning Time:	15. 5.5
Date: 15/35/09	Beginning Flow Rate (L/min):	12:00m
Time: 13: 30 1	Atmospheric pressure (mm Hg):	SLIM
12:00 Am	Temperature inside station unit (°F):	
	remperature moide station unit (1).	
STOP DAY		
OTOL BAT	Timer Ending Time:	
Date: 4 /4 /00	Ending Flow Rate (L/min):	12:00 mg
Time: 10:400	200	3000
10:40 AM	Total Sample Volume (L):	OFLO
	Total Sample Time (min):	7200
	Atmospheric pressure (mm Hg): Temperature inside station unit (°F):	27.96
	remperature inside station unit (r).	56.50
DAILY CHECK (complete separate DAILY CH	ECV for each station visit addition	and records on book
(Field Tech Initials)	PUMP FAULT (Yes / No):	iai records on back)
Date: 13 130104 (93)	Timer Time (min):	NO
10/30/01		645
Time: 10. 46 Am ()	Flow Rate (L/min):	3000 m L/ min
	Cumulative Sample Volume (L):	1939
	Cumulative Sample Time (min):	645
	Atmospheric pressure (mm Hg): Temperature inside station unit (°F):	27.61 175
	Battery voltage reading (volts):	52.1
	Battery Voltage reading (Volts).	12,78
COMMENTS: (Please note all photographs take	n major storm avents vandalism and	d reason for numn fault)
COMMENTS. (Flease note all photographs take	in, major storm events, vandansin, and	reason for pump fault)
		The Section
SIGNATURE:	DATE:	

OU7 OUTDOOR AMBIENT	TRA TECH EM INC. AIR - FIELD SAMPLE DATA SH	
	L DAILY CHECK RECORDS	TA-0016
Station Location: T-6 (Water Towe	r) Sample ID #:	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Field Technician:	Filter Lot #:	18833- 01
Pump Type/Model: SKC AirChek 200		
Pump Number: 36422		
DAILY CHECK (For each station visit)		
(Field Tech Initials) Date: 11-9-09 (40) Time: 7:45 Am ()	PUMP FAULT (Yes / No): Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): I emperature inside station unit (*F): Battery voltage reading (volts):	1405 1405 465 27,74 44,784mp/3480x
DAILY CHECK (For each station visit) (Field Tech Initials) Date: 11-10-09 (40)	PUMP FAULT (Yes / No): Flow Rate (L/min):	NO
Time: 2:17pm ()	Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): I emperature inside station unit (*F): Battery voltage reading (volts):	2297 27.78 59.7 PUMP/ 4780)
DAILY CHECK (For each station visit)		
(Field Tech Initials) Date: 11-11-09 (9)) Time: 11-44 8 ()	PUMP FAULT (Yes / No): Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): I emperature inside station unit ("F): Battery voltage reading (volts):	NO 3000 0 F LO 3684 27,54 46.9 Phmp/36BOX 12,62
DAILY CHECK (For each station visit)		
(Field Tech Initials) Date: 1)-12-09 (49) Time: 12 Pm ()	PUMP FAULT (Yes / No): Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): I emperature inside station unit (Th): Battery voltage reading (volts):	3000 0 F L O 5 1 4 3 27.49 50.9 Pump / 40 ROX 12.5 Z
DAILY CHECK (For each station visit)		
(Field Tech Initials) Date: 11-13-09 (A)) Time: 123550 ()	PUMP FAULT (Yes / No): Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): I emperature inside station unit (*F): Battery voltage reading (volts):	27.32 45.6 PHMP 3480X

TETRA TECH EM INC. OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA SHOW TA-0016 Station Location: T-6 (Water Tower) Sample ID #: Field Technician: 28 Filter Lot #: 18833- () ! Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Sample Parent ID #: TA - 0016 Pump Number: 36422 START DAY Timer Beginning Time: 12,000 mm Date: 11-09-09 Beginning Flow Rate (L/min): Time: 12:00 Am Pump Programmed (Yes / No): Bios Calibration Within 10 mL (Yes / No) STOP DAY Timer Ending Time: 72 Ending Flow Rate (L/min): 3000 Time: 2:10Pm Total Sample Volume (L): っテムの Total Sample Time (min): 7200 Atmospheric pressure (mm Hg): 27.80 Temperature inside station unit (°F): DAILY CHECK (complete separate DAILY CHECK for each station visit - additional records on back) (Field Tech Initials) PUMP FAULT (Yes / No): Date: Flow Rate (L/min): Time: Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): Temperature inside station unit (°F): Battery voltage reading (volts): COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault) SIGNATURE: DATE:

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S ADDITIONAL DAILY CHECK RECORDS

TA-0025

			ADDI	LIONAL	_ DAIL	Y CHECK RECORDS	1A-0025	
	Station	Location: T	-6 (Wa	ter Tow	er)	Sample ID #		
		echnician:	90			Filter Lot #	18833- 01	
		pe/Model: S		Chek 2	000			
	Pump	Number: 3	6422					
DAILY	CHECK	(For each s	tation	visit)				1
		(Fie	eld Tech	Initials)		PUMP FAULT (Yes / No)	20	ľ
	Date: 11-	19-09	(0))		Flow Rate (L/min)		
	Time: 3		()	Cum	nulative Sample Volume (L)	1592	
1					Cun	nulative Sample Time (min)		
					Atmo	ospheric pressure (mm Hg)	27,62	ii .
,				Te	empera	ature inside station unit (F)	43.0 PHMP 32	Bay
					Bat	ttery voltage reading (volts)		
ļ								
DAILY	CHECK	(For each s	tation	visit)				1
		(Fie	eld Tech	Initials)		PUMP FAULT (Yes / No)	NO	1
	Date: 11-	20-97	(99)		Flow Rate (L/min)	3000	
	Time: 3	.3 6 AW	(')	Cum	ulative Sample Volume (L)	5868	
					Cum	nulative Sample Time (min)		
					Atmo	ospheric pressure (mm Hg)		
				Te		ature inside station unit (F)		130
					Bat	tery voltage reading (volts)	12 76	
						300 5000 100 100		
DAILY	CHECK	(For each s	tation	visit)				7
		(Fie	ld Tech	Initials)		PUMP FAULT (Yes / No)		ł
	Date:] -		(49)		Flow Rate (L/min)	3000	
	Time: 4	110 Pm	()	Cum	ulative Sample Volume (L)	OFLO	
					Cum	nulative Sample Time (min)	3851	
						ospheric pressure (mm Hg)		1
				Te		ature inside station unit (F):		Bo
					Bat	tery voltage reading (volts)	12,61	
							Commence of the control of the contr	1
DAILY	CHECK ((For each s				4		
		The second	ld Tech	Initials)		PUMP FAULT (Yes / No)		
	Date: 11-		(99))	-	Flow Rate (L/min)		
	Time:	100m	()		ulative Sample Volume (L)		
						nulative Sample Time (min)		
				_		spheric pressure (mm Hg)		1
				Te	empera	ture inside station unit (F):	46.4 Pump 35B	101
					Bat	tery voltage reading (volts)	12,54	
DAILY	CHECK (Eor oach -	tation	vicit)				1
DAILY	CHECK ((For each s				DUMD EATHT (Vee / Ne)		
	Date: 11		id Tech	Initials)		PUMP FAULT (Yes / No)		
	Date: //-		(42))	C	Flow Rate (L/min)		
	Time: 4',	STPM	()		ulative Sample Volume (L)		
						nulative Sample Time (min)		
				-		ospheric pressure (mm Hg)	E - HDb I	
				16		ture inside station unit (F):		OX
					Bat	tery voltage reading (volts)	12,44	H
								11

OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S

Station Location: T-6 (Wa Field Technician:	ater Tower)		
Field Technician: M		Sample ID #:	
rield reclinician.		Filter Lot #: 18	3833- 01
Pump Type/Model: SKC Ai	rChek 2000	Sample Type: Ti	EM
Pump Number: 36422		Sample Parent ID #:	~
UMP SETUP DAY			
	9	Timer Beginning Date/Time: 11	-19-69/12:00 Am
Date: 11-15-09	Е	Beginning Flow Rate (L/min):	3000
Date: 11-18-69 Time: 3', 02 pm		mp Programmed (Yes / No):	
- 1 O han 1 11		tion Within 10 mL (Yes / No)	
	Bioo Gailbia	1011 Willim 10 THE (1007 140)	
UMP RETRIEVAL DAY			
		Timer Ending Date/Time: //	1-23-12:00 A
Date: 11-24-09 Time: 9:42 Am		Ending Flow Rate (L/min):	
Time: 9:42 xx		Total Sample Volume (L):	FLO
		Total Sample Time (min):	
	Atm	ospheric pressure (mm Hg):	27.93
		ature inside station unit (°F):	

TETRA TECH EM INC. OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S' TA-0034 Station Location: T-6 (Water Tower) Sample ID #: Field Technician: Filter Lot #: 18833- 👌 Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Pump Number: 36422 Sample Parent ID #: Timer Beginning Date/Time: PUMP SETUP DAY Date: 11- 28-09 Beginning Flow Rate (∟/min): 🌊 🌣 🍙 📥 Pump Programmed (Yes / No): Time: 1, 5 8 Pm Bios Calibration Within 10 mL (Yes / No) PUMP RETRIEVAL DAY Timer Ending Date/Time: 12-4 12,064 Ending Flow Rate (L/min): 2 0 0 Date: 12-4-09 Time: 8:10 Am Total Sample Volume (L): OF LO Total Sample Time (min): 7 200 Atmospheric pressure (mm Hg): 2 7.7 5 Temperature inside station unit (°F): 25 P4 mP COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault

DATE:

SIGNATURE:

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA** TA-0034 ADDITIONAL DAILY CHECK RECORDS Station Location: T-6 (Water Tower) Sample ID # Field Technician: Pump Type/Model: SkC AirChek 2000 Filter Lot #: 18833-01 Pump Number: 36422 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): NO (Field Tech Initials) Flow Rate (L/min): Z_00 S Date: 11-29-09 Cumulative Sample Volume (L): Time: 6:58 Pm Cumulative Sample Time (min): 113 % Atmospheric pressure (mm Hg): 27. 31 Temperature inside station unit (F): 49,9 94 m Battery voltage reading (volts): 12,90 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Flow Rate (L/min): Zooo Date: 11-30-09 Cumulative Sample Volume (L): 4844 Time: 4:22 pm Cumulative Sample Time (min): 2422 Atmospheric pressure (mm Hg): 27, 48 Temperature inside station unit (F): 53,2 PumP Battery voltage reading (volts): / 2, % DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): W = Date: 12-1-09 Flow Rate (L/min): 1000 Cumulative Sample Volume (L): 7 6 5 / Time: 3:45 Pm Cumulative Sample Time (min): 3 % 25 Atmospheric pressure (mm Hg): 27.7 6 Temperature inside station unit (F): 44.6 Pump Battery voltage reading (volts): / 2, 7/ DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): NO Date: 12-2-09 (99 Flow Rate (L/min): 2000 Cumulative Sample Volume (L): 9616 Time: 8'07Am Cumulative Sample Time (min): 48 07 Atmospheric pressure (mm Hg): 27.79 Temperature inside station unit (F): 33.9 Pump/ Battery voltage reading (volts): 17, 61 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): ~ o Flow Rate (L/min): 2000 Date: 12-3-09 (99 Cumulative Sample Volume (L): 0 FLO Time: 7:2) 8m Cumulative Sample Time (min): 6921 Atmospheric pressure (mm Hg): 27,79 Temperature inside station unit (F): 34.0 P4mP 2380V

Battery voltage reading (volts): 12,53

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA 5 TA-0043 Station Location: T-6 (Water Tower) Sample ID #: Field Technician: Filter Lot #: 18833- 41 Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Pump Number: 36422 Sample Parent ID #: -PUMP SETUP DAY Timer Beginning Date/Time: / 2 - 9 - 01 / 2:00 1 / 2:00 Date: 12-8-09 Beginning Flow Rate (L/min): 3 □ □ □ Pump Programmed (Yes / No): 1 e.5 Time: 11,36 Pm Bios Calibration Within 10 mL (Yes / No) PUMP RETRIEVAL DAY Timer Ending Date/Time: 12 - 14 12:00 Mm Ending Flow Rate (L/min): 3000 Date: 12-14-09 Total Sample Volume (L): 6 F 4 0 Time: 4:44Pm Total Sample Time (min): 7 200 Atmospheric pressure (mm Hg): 27, 73 Temperature inside station unit (°F): 39.6 Pump / 3280x COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault REPlaced Byl B Battery 1212-09 SIGNATURE: (DATE:

TETRA TECH EM INC.

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA** TA-0043 ADDITIONAL DAILY CHECK RECORDS Sample ID # Station Location: T-6 (Water Tower) Filter Lot #: 18833-Field Technician: Pump Type/Model: SKC AirChek 2000 Pump Number: 36422 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): (ms,) 55 Flow Rate (L/min): 3.000 Time: 1703 Cumulative Sample Volume (L): (mas) Ju Cumulative Sample Time (min): 1,025 27.65 Atmospheric pressure (mm Hq): 35.6 Temperature inside station unit (F): 22 BOX Battery voltage reading (volts): 12.81 MENTEN DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Flow Rate (L/min). Date: 12-10-c9 (99) Cumulative Sample Volume (L): Time: 6:13 Am (Cumulative Sample Time (min): 5 44 Atmospheric pressure (mm Hg): 2 7.5 4 Temperature inside station unit (F): Battery voltage reading (volts): 12,73 Punp DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): NO (Field Tech Initials) Flow Rate (L/min): 3000 Date: 12-11-09 Cumulative Sample Volume (L): OF LO Time: 7:5 7Pm Cumulative Sample Time (min): 4077 Atmospheric pressure (mm Hg): 27.25 Temperature inside station unit (F): 3 7.5 Pump/25 Box Battery voltage reading (volts): 12.56 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): No (Field Tech Initials) Flow Rate (L/min): 3000 Date: /2-/2-09 Cumulative Sample Volume (L): 0 F L O Time: 10:474m (Cumulative Sample Time (min): 4967 Atmospheric pressure (mm Hg): 27, 29 Temperature inside station unit (F). 37, 7 Pump Battery voltage reading (volts): 12,52 New Battery DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): _____ (Field Tech Initials) Flow Rate (L/min): 3000 Cumulative Sample Volume (L): 0 FLO Time: 3: 26 pm (

Cumulative Sample Time (min): 6686

Atmospheric pressure (mm Hg): 27.29

Temperature inside station unit (F): 45.494mp

Battery voltage reading (volts): 12.50

TEÎL	RA TECH EM INC.
OU7 OUTDOOR AMBIENT A	IR-FIELD SAMPLE DATA : TA OOF 4
	DAILY CHECK RECORDS TA-0054
Station Location: T-6 (Water Towe	A STATE OF THE STA
Field Technician: 1497	Filter Lot #: 18833- 02
Pump Type/Model: SKC AirChek 20	
Pump Number: 36422	
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No): 🗸 🔈
Date: 12-19-09 (99)	Flow Rate (L/min): 3000
Time: 3:) 9 pm ()	Cumulative Sample Volume (L): 27.58
	Cumulative Sample Time (min): 919
	Atmospheric pressure (mm Hg): 27,78
Те	mperature inside station unit (F): 59, 484mp / 408 .
	Battery voltage reading (volts): 12,45
	he ater- 12.81
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No): 🔀 o
Date: 12-20-09 (94)	Flow Rate (L/min): 3000
Time: 11; 24 Am ()	Cumulative Sample Volume (L): 6374
,	Cumulative Sample Time (min): 2124
	Atmospheric pressure (mm Hg): 27.68
Te	mperature inside station unit (F): 5-8.184 me / 39 BOX
	Battery voltage reading (volts): 12, 41
	henter - 12,52
DAILY CHECK (For each station visit)	5,0,0,5,5,1,0,5,5,0,0,0,0
(Field Tech Initials)	PUMP FAULT (Yes / No):
Date: 12-21-09 (99)	Flow Rate (L/min): 3000
Time: 5 (02 Pm ()	Cumulative Sample Volume (L): Oチムの
	Cumulative Sample Time (min): 3902
_	Atmospheric pressure (mm Hg): 2 7, 40
le	emperature inside station unit (F): 60,8 Pume 42 80X
	Battery voltage reading (volts): 12, 33
DAILY CHECK (For each station viola)	heater - 12,20
DAILY CHECK (For each station visit) (Field Tech Initials)	DUMP CALL T. O/co / No):
	PUMP FAULT (Yes / No):
Date: /2-2 2-49 (90)	Flow Rate (L/min): 3000 Cumulative Sample Volume (L): 0 F LC
Time: 5:59em ()	Cumulative Sample Volume (L). 6 P L 6
	Cumulative Sample Time (min): 5 3 99 Atmospheric pressure (mm Hg): 2 7.71
To	
, 6	
	Battery voltage reading (volts): 12.26
DAILY CHECK (For each station visit)	
(Field Tech Initials)	PUMP FAULT (Yes / No): WO
Date: 12 - 23 - 69 (9A)	
Time: (:438m ()	Flow Rate (L/min): 3000 Cumulative Sample Volume (L): 0 FL0
6.43878 ()	
	Cumulative Sample Time (min): <u>6万分</u> Atmospheric pressure (mm Hg): フタック
Т_	emperature inside station unit (F): 49.0 Pun P/32 B
	Battery voltage reading (volts): 12.19
	heater = 1/2/

g.

TETRA TECH EM INC. **OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA?** TA-0054 Station Location: T-6 (Water Tower) Sample ID #: Field Technician: Filter Lot #: 18833- 0 2... Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Pump Number: 36422 Sample Parent ID#: TA - 0054 PUMP SETUP DAY Timer Beginning Date/Time: 12-19-09 / 2:00A Beginning Flow Rate (L/min): 300 ら Date: /2-18-09 Pump Programmed (Yes / No): Time: 3; 49 Pm Bios Calibration Within 10 mL (Yes / No) Yes PUMP RETRIEVAL DAY Timer Ending Date/Time: 12:00 AN Ending Flow Rate (L/min): 3 000 Date: 12-24-09 Total Sample Volume (L): 0 FLO Time: 2:41 Pm Total Sample Time (min): 7 2 00 Atmospheric pressure (mm Hg): 28,12 Temperature inside station unit (°F): 43.4 Pump / 3.3 B COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault

DATE:

SIGNATURE:

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S TA-0063 Station Location: T-6 (Water Tower) Sample ID #: Field Technician: Filter Lot #: 18833- 🗷 之 Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Sample Parent ID #: TA - 00 6 3 Pump Number: 36422 PUMP SETUP DAY 12'.00 A Timer Beginning Date/Time: 12 - 29 - 09 Beginning Flow Rate (L/min): Date: 12 - 28 - 09 Time: 41,32 pm Pump Programmed (Yes / No): Yes Bios Calibration Within 10 mL (Yes / No) PUMP RETRIEVAL DAY Timer Ending Date/Time: 1-2-12:50Am Date: / - 3 - / 6 Ending Flow Rate (L/min): 3 Total Sample Volume (L): 729 0 F LO Time: 2:10 pm Total Sample Time (min): 7,200 Atmospheric pressure (min Hg): 27,88 INS Temperature inside station unit (°F): 44.7 pump / 37 & X COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault Heater converter light is red at 10,73 volts d nother at entire 5 days. This time SIGNATURE: DATE: /- 2 - 10

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA ADDITIONAL DAILY CHECK RECORDS

TA-0063

ADDITIONAL I	DAILY CHECK RECORDS	1 A-0003	
Station Location: T-6 (Water Tower) Sample ID #		
Field Technician:	Filter Lot #:	18833- 0 2	
Pump Type/Model: SKC AirChek 200	0		
Pump Number: 36422			
DAILY CHECK (For each station visit)			
(Field Tech Initials)	PUMP FAULT (Yes / No):	NO	
Date: 12 - 29 - 09 (99)	Flow Rate (L/min):	3 3	
Time: (1,30 Pm ()	Cumulative Sample Volume (L):		
	Cumulative Sample Time (min):	1110	
	Atmospheric pressure (mm Hg):		
	perature inside station unit (F):		
	Battery voltage reading (volts):		0
	heuten		
DAILY CHECK (For each station visit)	712216	1232	
(Field Tegh Initials)	PUMP FAULT (Yes / No):	NO	
Date: 12-30-09 (99')	Flow Rate (L/min):	3	
	Cumulative Sample Volume (L):	76.25	
	Cumulative Sample Time (min):		
	Atmospheric pressure (mm Hg):		
	perature inside station unit (F):		X
	Battery voltage reading (volts):		1
	henter-	1210	
DAILY CHECK (For each station visit)	Ne KIFI -	1210	
(Field Tech Initials)	PUMP FAULT (Yes / No):	A/C	
Date: 12-31-09 (99)	Flow Rate (L/min):	30013	
Time: 9:29 Am()	Cumulative Sample Volume (L):		
	Cumulative Sample Time (min):		
	Atmospheric pressure (mm-Hg):		
	perature inside station unit (F):		o'V
	Battery voltage reading (volts):		/
	henter-	11.88	
DAILY CHECK (For each station visit)		11100	
(Field Tech Initials)	PUMP FAULT (Yes / No):	NO	
Date: 1-1-10 (04)	Flow Rate (L/min):	3	
Time: 1):37Am ()	Cumulative Sample Volume (L):	OFLO	
	Cumulative Sample Time (min):		
	Atmospheric pressure (mm Hg):	2767 ins	
	perature inside station unit (F):	54,384me/368	a X
	Battery voltage reading (volts):	12.36	-/
	heater	11,52	
DAILY CHECK (For each station visit)			
(Field Tech Initials)	PUMP FAULT (Yes / No):	~ 0	
Date:)-2-16 (41)	Flow Rate (L/min):	3	
	Cumulative Sample Volume (L):	OFLO	
	Cumulative Sample Time (min):	6395	
	Atmospheric pressure (mm Hg):	27.76 INS	
	perature inside station unit (F):	51.6 Pump 398	× ×
	Battery voltage reading (volts):	1227	
	hereter-	10.73	

OUT OUTDOOR AMBIENT AIR - FIFL D SAMPLE DATA!

Station Location: T-6 (Water Field Technician:	Tower)	Sample ID#	18833- 0 2	
Pump Type/Model: SKC AirC	2000	Sample Type:		
Pump Number: 36422				
rump Number. 30422		e Paleill ID #	T A -00	7.2
SETUP DAY			12	1.00A
		ng Date/Time:_		
Date: 1-7-10	Beginning Flow		3	
Time: 13131Pm	Pump Programm		9es	
	Bios Calibration Within 10	mL (Yes / No)_	Yes	
RETRIEVAL DAY				
1 1 1		ng Date/Time:_	1/13/100	12:0
Date: 1/13/10		Rate (L/min):_	3	
Time: 1005 Am		le Volume (L):_	OFLO	
		le Time (min):_	7200	
	Atmospheric P		27.55	
	Temperature inside sta	ation unit (°F):_	46.4 PUAR	36 8
ENTS: (Please note all photogr	phs taken, major storm ev	ents, vandalism	n, and reason for	pump fa
ENTS: (Please note all photogr	phs taken, major storm ev	ents, vandalism	n, and reason for	pump fa
ENTS: (Please note all photogr	phs taken, major storm ev	ents, vandalism	n, and reason for	pump fa
ENTS: (Please note all photogr	phs taken, major storm ev	ents, vandalism	n, and reason for	pump fa
ENTS: (Please note all photogr	phs taken, major storm ev	ents, vandalism	n, and reason for	pump fa
ENTS: (Please note all photogr	phs taken, major storm ev	ents, vandalism	n, and reason for	pump fa
ENTS: (Please note all photogr	phs taken, major storm ev	ents, vandalism	n, and reason for	pump fa
ENTS: (Please note all photogr	phs taken, major storm ev	ents, vandalism	n, and reason for	pump fa
ENTS: (Please note all photogr	phs taken, major storm ev	ents, vandalism	n, and reason for	pump fa
ENTS: (Please note all photogr	phs taken, major storm ev	ents, vandalism	n, and reason for	pump fa
ENTS: (Please note all photogr	phs taken, major storm ev	ents, vandalism	n, and reason for	pump fa
ENTS: (Please note all photogr	phs taken, major storm ev	ents, vandalism	n, and reason for	pump fa
ENTS: (Please note all photogr	phs taken, major storm ev	ents, vandalism	n, and reason for	pump fa
ENTS: (Please note all photogr	phs taken, major storm ev	ents, vandalism	n, and reason for	pump fa

TE1	TRA TECH EM INC.	
OUZ OUTDOOR AMBIENT	AIR - FIELD SAMPLE DATA	
	L DAILY CHECK RECORDS	TA-0072
Station Location: T-6 (Water Tow		171 0012
Field Technician: 44	Filter Lot #:	18833- 4 5
Pump Type/Model: SKC AirChek 2		10000- 0 2
Pump Number: 36422		
AILY CHECK (For each station visit)		
(Field Tech Initials)	PUMP FAULT (Yes / No):	1.6
Date: 1-8-10 (99)	Flow Rate (L/min):	~ 6
Time: 12:37Pm ()	Cumulative Sample Volume (L):	2222
18.13 / 1	Cumulative Sample Time (min):	7 2 1
	Atmospheric Pressure (INS)	28.06
To	emperature inside station unit (F):	38.7 P4me 26BD
	Battery voltage reading (volts):	12.91
	heater-	17.77
AILY CHECK (For each station visit)	710-0-4	, ==
(Field Tech Initials)	PUMP FAULT (Yes / No):	NO
Date: 1 - 9 - 10 (09)	Flow Rate (L/min):	3
Time: 10.300m ()	Cumulative Sample Volume (L):	62.08 6208
	Cumulative Sample Time (min):	
	Atmospheric Pressure (INS)	
Te	emperature inside station unit (F):	39.484mp/24BOV
	Battery voltage reading (volts):	12,77
	heater-	12.38
AILY CHECK (For each station visit)		
(Field Tech Initials)	PUMP FAULT (Yes / No):_	NO
Date: 1-10-10 (94)	Flow Rate (L/min):	3
Time: 11:35Am(')	Cumulative Sample Volume (L):	
	Cumulative Sample Time (min):_	
	Atmospheric Pressure (INS)_	
Te	emperature inside station unit (°F): $_$	
	Battery voltage reading (volts):_	
	henter-	11.94
AILY CHECK (For each station visit)	DIMP FAULT OF THE	5 42
(Field Tech Initials)	PUMP FAULT (Yes / No):	NO
Date: 1-11-10 (44)	Flow Rate (L/min):	_5
Time: 7:32Am()	Cumulative Sample Volume (L):	OFLO
	Cumulative Sample Time (min):	7772
-	Atmospheric Pressure (INS)	27.81
16	emperature inside station unit (F):	
	Battery voltage reading (volts):_	
AILY CHECK (For each station visit)	neater-	11.73
(Field Tech Initials)	PUMP FAULT (Yes / No):	NO
Date: //ia(10 (ms))	Flow Rate (L/min):	3
	Cumulative Sample Volume (L):	OFLO
Time: 11,22 Am (MAS)	Cumulative Sample Volume (L) Cumulative Sample Time (min):	6443
	Atmospheric Pressure (INS)	
Tz	emperature inside station unit (F):	27.53 52.2 Pump 39 Bax
	Battery voltage reading (volts):	52.2 PUMP 39 BOX
	Duttery voltage reading (volta)	
	C1 (-0)1 (-1)	1

Station Location: T-6 (Wa	er Tower) Sample ID #:	TA-0083
Field Technician:	Filter Lot #:	18833- 0 2
Pump Type/Model: SKC Ai	Chek 2000 Sample Type:	TEM
Pump Number: <u>36422</u>	Sample Parent ID #:	TA-0083
JMP SETUP DAY		12'.004
	Timer Beginning Date/Time:	
Date: 1-17-10	Beginning Flow Rate (L/min):	
Time: 3:00 Pm	Pump Programmed (Yes / No):	
	Bios Calibration Within 10 mL (Yes / No)	16-5
JMP RETRIEVAL DAY		12:00An
	Timer Ending Date/Time:	
Date: 1-23-10	Ending Flow Rate (L/min):	3
Time: 8157Am	Total Sample Volume (L):	
	Total Sample Time (min):	
	Atmospheric Pressure (INS)_ Temperature inside station unit (°F):	
· · · · · · · · · · · · · · · · · · ·		
:		
:		

TETRA TECH EM INC.	
OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA	TA 0000
ADDITIONAL DAILY CHECK RECORDS	TA-0083
Station Location: T-6 (Water Tower) Sample ID #	
Field Technician: Filter Lot #: 188	833- 0 2
Pump Type/Model: SKC AirChek 2000	
Pump Number: 36422	
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT (Yes / No):	
	_3
Time: Cumulative Sample Volume (L):	
Cumulative Sample Time (min):	
Atmospheric Pressure (INS) <u>a</u> Temperature inside station unit (°F): <u>50</u>	7.36
Battery voltage reading (volts):	4.7 PH MP/4/60X
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT (Yes / No):	VO
Date: 1-19-10 (99) Flow Rate (L/min):	3
Time: 10:16 Am () Cumulative Sample Volume (L): 6	168
Cumulative Sample Time (min): 2	
Atmospheric Pressure (INS)	27.17
Temperature inside station unit (F): <u>5</u> .	
Battery voltage reading (volts):	
heater - 1	2.24
DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No):	-7 -
(Field Tech Initials) PUMP FAULT (Yes / No): Date: - Zo- O (94) Flow Rate (L/min):	3
Time: / Z : HOPm () Cumulative Sample Volume (L):	
Cumulative Sample Time (min): 3	
Atmospheric Pressure (INS)	
Temperature inside station unit (F): 52	
Battery voltage reading (volts): 1	
heater-1	
DAILY CHECK (For each station visit)	400
(Field Tech Initials) PUMP FAULT (Yes / No):	VO
Date: 1-21-10 (94) Flow Rate (L/min):	_3
Time: 9.38 Am () Cumulative Sample Volume (L):	
Cumulative Sample Time (min):	
Atmospheric Pressure (INS) 2. Temperature inside station unit (°F): 5	
Battery voltage reading (volts):	12.44 BO)
be at co	11.64
DAILY CHECK (For each station visit)	77. 4 4
(Field Tech Initials) PUMP FAULT (Yes / No):	Jo
Date: 1-22-10 (44) Flow Rate (L/min):	3
	FLO
	482
	6.93
	18.6P4MP/34BOX
Battery voltage reading (volts):	12,35
h P a T P C -	11.17

TETR	RA TECH EM INC.	
OU7 OUTDOOR AMBIENT AI	R - FIELD SAMPLE DATA SH	EET (FSDS)
	HE GO THE PROPERTY OF THE PARTY	TA-0005
Station Location: T-	Sample ID #:	1A-0003
Field Technician: MAS JJ	Filter ID #:	18833-01
Pump Type/Model: SKC AirChek 2000	Sample Type:	TEM
Pump Number: 36428	Sample Parent ID #:	74-0005
		711 333 3
START DAY		
	Timer Beginning Time:	12:00 AM
Date: 10/30/09	Beginning Flow Rate (L/min):	3 LPM
Time: 12:00 2	Atmospheric pressure (mm Hg):	
T	emperature inside station unit (°F):	
STOP DAY		
	Timer Ending T ime:	12:00 pm
Date: 11/4/09	Ending Flow Rate (L/min):	3000
Time: 10:30 Am	Total Sample Volume (L):	OFLO
	Total Sample Time (min):	7200
	Atmospheric pressure (mm Hg):	27.92
Т	emperature inside station unit (°F):	54.80
	-	
DAILY CHECK (complete separate DAILY CHEC	CK for each station visit - addition	al records on back)
(Field Tech Initials)	PUMP FAULT (Yes / No):	NO
Date: 10/30/09 (97)	Timer Time (min):	637
Time: 10:350 am ()	Flow Rate (L/min):	3000 mH/min
	Cumulative Sample Volume (L):	1914
	Cumulative Sample Time (min):	637
	Atmospheric pressure (mm Hg):	27.41 ins
. т	emperature inside station unit (°F):	50°
	Battery voltage reading (volts):	12.74
COMMENTS: (Please note all photographs taken,	major storm events, vandalism, and	reason for pump fault)
Added Store Therm	ompter inside	box 10/31/09
SIGNATURE:	DATE:	

OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA SHEET **FA-0005** ADDITIONAL DAILY CHECK RECORDS Station Location: T-Sample ID# Filter ID #: 18833-01 Field Technician: Pump Type/Model: SKC AirChek 2000 Pump Number: 36428 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Timer Time (min): Flow Rate (∠/min): Time: 000 Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): I emperature inside station unit ("F): Battery voltage reading (volts): DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): Timer Time (min): Date: 11-01-09 Flow Rate (L/min): 3000 Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): I emperature inside station unit ("F): Battery voltage reading (volts): DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) NO Date: 11- 2 - 39 Timer Time (min): 4902 Flow Rate (L/min): 000 Cumulative Sample Volume (L): OFLO Cumulative Sample Time (min): 4902 Atmospheric pressure (mm Hg): Temperature inside station unit ("F): Battery voltage reading (volts): DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Timer Time (min): Flow Rate (∟/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): Temperature inside station unit ("F): Battery voltage reading (volts): DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Timer Time (min): Flow Rate (L/min): Cumulative Sample Volume (L): Cumulative Sample Time (min): Atmospheric pressure (mm Hg): I emperature inside station unit ("F): Battery voltage reading (volts):

TETRA TECH EM INC.

		TRA TECH EM INC.	
OU7	OUTDOOR AMBIENT	AIR - FIELD SAMPLE DATA SH	
Station	Location: T-7 (Jay's Rental)	Sample ID #:	TA-0017
Field Te	echnician: (b)	Filter Lot #:	18833- 61
Pump Typ	pe/Model: SKC AirChek 200	Sample Type:	TEM
Pump	Number: 36428	Sample Parent ID #:	TA-0017
START DAY			
		Timer Beginning Time:	121000
Date:) (-9	1-09	Beginning Flow Rate (L/min):	12:00 Am
	100 Am	Pump Programmed (Yes / No):	9
		Calibration Within 10 mL (Yes / No)	1(2
	5100	Cambration Within To IIIL (1657 NO)	Yes
STOP DAY			
		Timer Ending Time:	77 .7/200
Date:	14-09		7200 12/00 Am
Date:	0 Z fm	Total Sample Volume (L):	
21		Total Sample Time (min):	
		Atmospheric pressure (mm Hg):	/
		Temperature inside station unit (°F):	50,9 Pump 4080
DAILY CHECK (co	mplete separate DAILY CHI	ECK for each station visit - addition	nal records on back)
	(Field Tech Initials)	PUMP FAULT (Yes / No):	iai recorde on sacky
Date:		Flow Rate (L/min):	
Time:		Cumulative Sample Volume (L):	
		Cumulative Sample Time (min):	
		Atmospheric pressure (mm Hg):	
		Temperature inside station unit (°F):	
		Battery voltage reading (volts):	
COMMENTS: (Pleas	se note all photographs taker	n, major storm events, vandalism, and	d reason for pump fault)
-			
			-
SIGNATURE:		DATE:	

TE)	TRA TECH EM INC.	
OU7 OUTDOOR AMBIENT	AIR - FIELD SAMPLE DATA SH	
	L DAILY CHECK RECORDS	TA-0017
Station Location: T-7 (Jay's Rental)	Sample ID #:	
Field Technician:	Filter Lot #:	18833- 🕒 🗎
Pump Type/Model: SKC AirChek 200	0	
Pump Number: 36428		
DAILY CHECK (For each station visit)		
(Field Tech Initials)	PUMP FAULT (Yes / No):	40
Date: 11-9-09 (49)	Flow Rate (L/min):	3000
Time: 7:549 ()	Cumulative Sample Volume (L):	1422
	Cumulative Sample Time (min):	474
	Atmospheric pressure (mm Hg):	27.66
	lemperature inside station unit ("F):	55 Pump / 45box
	Battery voltage reading (volts):	1282 PHMP
DAILV CHECK /For rook station visit		12.54 heater
DAILY CHECK (For each station visit)	DIMPEAUET (Voc./No.)	
(Field Tech Initials)	PUMP FAULT (Yes / No): Flow Rate (L/min):	NO
Date: 11-10-09 (96)	Cumulative Sample Volume (L):	3000
Z.10 Pm		6871
	Cumulative Sample Time (min): Atmospheric pressure (mm Hg):	2287
	Temperature inside station unit ("F):	21.61
	Battery voltage reading (volts):	64,1 P4MP / 55 DOX
		12,70 PUMP
DAILY CHECK (For each station visit)		1213 HEALT
(Field Tech Initials)	PUMP FAULT (Yes / No):	0.00
Date: 11-11-09 (90)	Flow Rate (L/min):	
Time: ()	Cumulative Sample Volume (L):	OFLO
	Cumulative Sample Time (min):	3590
	Atmospheric pressure (mm Hg):	27,36
	emperature inside station unit ("+):	56,0 Pump / 45 Box
	Battery voltage reading (volts):	12:62 Pump
		12 17 Heater
DAILY CHECK (For each station visit)	DUMP FALLS (Van (No.))	
(Field Tech Initials)	PUMP FAULT (Yes / No):	1/0
Date: 11 - 12 - 09 (%)	Flow Rate (L/min): Cumulative Sample Volume (L):	3000
Time: 1:29Pm ()		OFLO
	Cumulative Sample Time (min): Atmospheric pressure (mm Hg):	5/30
	Temperature inside station unit (*F):	60.ZPHMP/49BOX
	Battery voltage reading (volts):	60. Z PHMP / 4 900 X
		11.97 Heater
DAILY CHECK (For each station visit)		THE SELECT
(Field Tech Initials)	PUMP FAULT (Yes / No):	No
Date: 11-13-09 (96)	Flow Rate (L/min):	3000
Time: 12,518m ()	Cumulative Sample Volume (L):	0 F L O
1,5,7,7	Cumulative Sample Time (min):	6531
	Atmospheric pressure (mm Hg):	27.17
	remperature inside station unit (*F):	54.6 PUMP 4480X
	Battery voltage reading (volts):	12.50 PHMP
I		11 7 6 14 2 6 14 4

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S' ADDITIONAL DAILY CHECK RECORDS

TA-0026

					to the same of the	Y CHECK REC		17-0020	J
	Statio	n Location: 1	Г-7 (Јау	's Rent	al)	Sai	mple ID #: '		
	Field	Technician:	DGF.			F	ilter Lot #:	18833- 01	
	Pump T	ype/Model:	KC Air	rChek 2	000		-		
		np Number: 3							
DAILY		(For each		visit)		-			
				Initials)		PUMP FAULT ((Yes / No)	0.00	
	Date: 11	1-19-09	(06))			te (L/min):		- 1
			44	\	Cumi	ulative Sample V		3000	
ľ	mile.	3:56 Am	1	,				16.09	
						ulative Sample T			1
					Atmos	spheric pressure	(mm Hg):_	27,46	
				1 6	emperat	ure inside statio	n unit (F):	42.0 PUMP 34	BOX
					Batte	ery voltage read	ing (volts):_	12.37	
								3	
DAILY	CHECK	(For each s		0.00					
		(Fie	eld Tech	Initials)		PUMP FAULT ((Yes / No):	NO	
	Date:]	-20.09	(99)		Flow Rat	te (L/min):	3000	l l
	Time: «	1.42 am	()	Cumu	ılative Sample V	olume (L):	5886	
						ulative Sample T			
						spheric pressure			1
				Τe	emperat	ure inside station	n unit (F):		Box
					Ratte	ery voltage readi	ing (volts):	13 70	400
					Dan	ory ronago road.	g (*********_	12110	
DAILY	CHECK	(For each s	station	visit)					-
J	CHECK	2		Initials)		PUMP FAULT (Yes / No)		
	Date:	+ ×1-09	100	1		1.00	te (L/min):	~ 0	
	Time:		197)	Cumu	lative Sample V		3000	
1	rinie.	1:16PM	1)			_	OFLO	
						ulative Sample T		3857	1
				Τ.		spheric pressure		27.40	
				16		ure inside station		52.1P4mp/4	6801
					Batte	ery voltage readi	ing (voits):_	12.40	
DAIL V	OUE OIL	·-							-
DAILY	CHECK	(For each s			As .	DUMAD FALLS 7	N/ / NI -N.	- 10	
			eld Tech	Initials)		PUMP FAULT (
		-22-09	(99)	_		te·(L/min):_	3000	
	Time: \	1,0 4 Pm	()		ılative Sample V		OFLO	
						ulative Sample Ti		5105	
						spheric pressure			
				Te		ure inside statior			BOX
					Batte	ery voltage readi	ing (volts):_	12.55	
DAILY	CHECK	(For each s							
		(Fie	eld Tech	Initials)	1	PUMP FAULT (NO	
		-23-09	(98)		Flow Rat	te (L/min):	3000	
	Time: H	1538m	()	Cumu	lative Sample Vo	olume (L):	OFLO	
	-				Cumu	ılative Sample Ti	ime (min):	6773	
ĺ						spheric pressure		27.81	
				Τe		ure inside station		49,6 Pump/44	BUX
				_		ery voltage readi	_		
						, , , , , , , , , , , , , , , , , , , ,	J (/_		

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA 5

TA-0026

			1A-0026
Station Location: T-7 (Jay'	's Rental)	Sample ID #:	
Field Technician:		-	18833- 01
Pump Type/Model: SKC Air	Chek 2000	Sample Type:	
Pump Number: <u>36428</u>		Sample Parent ID #:	
PUMP SETUP DAY			
	Ē	Timer Beginning Date/Time:	11-19-09/12:00 Am
Date: 11-18-09	E	Beginning Flow Rate (L/min):	3000
Time: 3',04 Pm	Pu	mp Programmed (Yes / No):	4+5
	Bios Calibra	tion Within 10 mL (Yes / No)	ie 5
PUMP RETRIEVAL DAY			
		Timer Ending Date/Time:	H-24-12:00AN
Date: 11-24-09		Ending Flow Rate (L/min):	3000
Time: 91,33 Am		Total Sample Volume (L):	OFLO
		Total Sample Time (min):	
	Atm	ospheric pressure (mm Hg):	
		ature inside station unit (°F):	
SIGNATURE:		DATE:	

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA 5 TA-0035 Station Location: T-7 (Jay's Rental) Sample ID #: .. Field Technician: Filter Lot #: 18833- 0) Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Pump Number: 36428 Sample Parent ID #: PUMP SETUP DAY Timer Beginning Date/Time: 11-29-09 / 1 Z:0 0 A Beginning Flow Rate (L/min): 3000 Date: 11- 28-09 Time: 1',578 ~ Pump Programmed (Yes / No): Bios Calibration Within 10 mL (Yes / No) PUMP RETRIEVAL DAY Timer Ending Date/Time: 12-4 12:00Am Date: 12-4-09 Ending Flow Rate (L/min): 2000 Time: 7:59 Am Total Sample Volume (L): 0 \$ 6 0 Total Sample Time (min): 7 2 0 Atmospheric pressure (mm Hg): 27 76 Temperature inside station unit (°F): 26 Pump/2080x COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault DATE: SIGNATURE:

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA ADDITIONAL DAILY CHECK RECORDS

TA-0035

ADDITIONAL DAILY CHECK RECORDS	1A-0033
Station Location: T-7 (Jay's Rental) Sample ID	
	#: 18833- 0)
Pump Type/Model: SKC AirChek 2000	,
Pump Number: 36428	
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT (Yes / No	o): NO
Date: // zg-cg () Flow Rate (L/mir	n): 2,000
Time: (a:5) Pm (') Cumulative Sample Volume (
Cumulative Sample Time (mi	
Atmospheric pressure (mm H	
Temperature inside station unit (F	
Battery voltage reading (volt	
, , , , , , , , , , , , , , , , , , , ,	,
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT (Yes / No	o):
Date: 11-30-09 (94) Flow Rate (L/mir	
Time: H: 750 () Cumulative Sample Volume (
Cumulative Sample Time (mir	
Atmospheric pressure (mm Ho	
Temperature inside station unit (F	
Battery voltage reading (volt	
, ,	
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT (Yes / No	o): ~ c
Date: , z - 1 - 09 (99) Flow Rate (L/mir	
Time: 3 ', 5 Pm () Cumulative Sample Volume (I	1: 7663
Cumulative Sample Time (mir	n): 3 831
Atmospheric pressure (mm Ho	
Temperature inside station unit °F): 50.2 PUMP 47 BOX
Battery voltage reading (volt	s): 12.66
	3) = 0.044**********************************
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT (Yes / No	
Date: 17-2-09 (9♥) Flow Rate (L/mir	
Time: 7:178m () Cumulative Sample Volume (I	
Cumulative Sample Time (mir	
Atmospheric pressure (mm Hg	
Temperature inside station unit (F	
Battery voltage reading (volt	s): 17,67
DAILY OUT OF THE LANGE TO SEE	
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT (Yes / No	
Date: 12-3-09 (July) Flow Rate (L/mir	
Time: 6:29 Pm () Cumulative Sample Volume (I	
Cumulative Sample Time (mir	
Atmospheric pressure (mm Hg	
Temperature inside station unit (F	
Battery voltage reading (volt	s): 12 /5) /

TETRA TECH EM INC. OUT OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S TA-0044 Station Location: T-7 (Jay's Rental) Sample ID #: Field Technician: (2) Filter Lot #: 18833- 0] Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Pump Number: 36428 Sample Parent ID #: --PUMP SETUP DAY Timer Beginning Date/Time: 12-9-09 12:00 A Beginning Flow Rate (L/min): 3 b o o Date: 12-8-09 Pump Programmed (Yes / No): Yes Time: 1 , 3 7 8 m Bios Calibration Within 10 mL (Yes / No) PUMP RETRIEVAL DAY Timer Ending Date/Time: 12-14 12:00 Am Date: /2-14-09 Ending Flow Rate (L/min): 300 0 Time: 4;33 pm Total Sample Volume (L): 0 F L 0 Total Sample Time (min): フュロロ Atmospheric pressure (mm Hg): 27, 73 Temperature inside station unit (°F): 40, 5 Pump / 288 X COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault

DATE:

SIGNATURE:

	BIENT AIR - FI	ELD SAMPLE DATA CHECK RECORDS	TA-0044
Station Location: T-7 (J Field Technician: 44 Pump Type/Model: SKC A	ay's Rental)	Sample ID # Filter Lot #.	18833- Ø)
Pump Number: 36428			
AILY CHECK (For each statio		PUMP FAULT (Yes / No):	20
1 1	5,) or	Flow Rate (L/min):	3,000
Time: 1710 W	S) JJ Cumul	ative Sample Volume (L):	3,095
14.06.5	Cumu	lative Sample Time (min):	1,031
		pheric pressure (mm Hg):	27.64
		ure inside station unit (F): _	35.6/, 22 BOX
	Batte	ery voltage reading (volts)	12.80 / 12.42 H
AILY CHECK (For each statio	n visit)		de e
		PUMP FAULT (Yes / No):	
Date: 12-10-69 (9	9)	Flow Rate (L/min):	
Time: 1:07 PM		ative Sample Volume (L):	
, 111-31		lative Sample Time (min):	
		pheric pressure (mm Hg):	
Section 1		re inside station unit (F):	
	Batte	ry voltage reading (volts):	
OAILY CHECK (For each statio	n vieit\		12.34 heater
		PUMP FAULT (Yes / No):	.00
	7)	Flow Rate (L/min):	
Date: 12-11-09 (40) Time: 7:51em) Cumul	ativo Sample Volume (L):	
		lative Sample Time (min):	3.0
		pheric pressure (mm Hg):	
			38.9 Pume 2880
	Batte	ry voltage reading (volts):	12.58
		1+e ater	1211
DAILY CHECK (For each statio		DUMP CALLET (Voc. / No.)	per - p
	ch Initials) F	PUMP FAULT (Yes / No): Flow Rate (L/min):	NO
Date: 12-12-09 (4	7) Cumul	ative Sample Volume (L):	3000
Time: 10:56 Am (Cumo	lative Sample Time (min):	4976
		pheric pressure (mm Hg):	
	Temperati	re inside station unit (F):	39.4 Pump / 25 B
	Batte	ry voltage reading (volts):	17.63
	24110	Heater	
AILY CHECK (For each statio			
(Field Te	ch Initials) F	PUMP FAULT (Yes / No):	NO
Date: /2-/3-09 (9))	Flow Rate (L/min):	3000
Time: 3:33Pm () Cumul	ative Sample Volume (L):	OFLO
	Cumu	lative Sample Time (min):	6693
	Atmos	pheric pressure (mm Hg):	27.14
	Temperatu	ire inside station unit (F):	45.3 PYMP/32BG
	Batte	ry voltage reading (volts):	1249

Station Location: T-7 (Jay's Rent	L DAILY CHECK RECORDS (al) Sample ID #	TA-0055
Field Technician: ACK	Filter Lot #:	18833- 0 2
Pump Type/Model: SKC AirChek 2	000	- 11
Pump Number: 36428	40%	
ALY CHECK (For each station visit)		195
(Field Tech Initials)	PUMP FAULT (Yes / No):_	NO
Date: 12-19+04 (99°)	Flow Rate (L/min):	3000
Time: 3: 17. Pm ()	Cumulative Sample Volume (L):	2736
	Cumulative Sample Time (min):_	913
44.5	Atmospheric pressure (mm Hg):_	
	emperature inside station unit (F):_	56.9 Pump 45
	Battery voltage reading (volts):	
AT 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	Fleater-	12.73
AILY CHECK (For each station visit)	DIMO EN UT OF THE	Latte
(Field Tech Initials)	PUMP FAULT (Yes / No):	
Date: 12-20-69 (99)	Flow Rate (L/min): Cumulative Sample Volume (L):	3000
Time: -10:39)		6393
11:31 Am	Cumulative Sample Time (min):_	2131
4	Atmospheric pressure (mm Hg):	27.47
	emperature inside station unit (F):	33.4 Fump 44
	Battery voltage reading (volts):	
ALY CHECK (For each station visit)	heater-	12,43
(Field Tech Initials)	PUMP FAULT (Yes / No):	10-
Date: 12-21-09 (47)	Flow Rate (L/min):	30-6
Time: #:56 Pm ()	Cumulative Sample Volume (L):	3000
	Cumulative Sample Time (min):	
	Atmospheric pressure (mm Hg):	
T	emperature inside station unit (F):	57.584mp 41
	Battery voltage reading (volts):	1765
	heuter -	12.//
ILY CHECK (For each station visit)	neale	. 4,77
(Field Tech Initials)	PUMP FAULT (Yes / No):	NO
Date: 12-22-09 (99)	Flow Rate (L/min):	3000
Time: 5:52 Pm()	Cumulative Sample Volume (L):	OFLO
	Cumulative Sample Time (min):	5392
	Atmospheric pressure (mm Hg):	
Т.	emperature inside station unit (F):	55.2 Phant 4
	Battery voltage reading (volts):	
	heater o	11.88
AILY CHECK (For each station visit)		
(Field Tech Initials)	PUMP FAULT (Yes / No):	No
Date: /2-23-09 (44)	Flow Rate (L/min):	3000
Time: 6:30em ()	Cumulative Sample Volume (L):	OFLO
	Cumulative Sample Time (min):	6870
	Atmospheric pressure (mm Hg):	27.87 /
Te	emperature inside station unit (F):	49.1 Pump/37
	Battery voltage reading (volts):	12.48
	THE RESERVE TO SERVE THE PROPERTY OF THE PROPE	

Station Location: T-7 (Jay's R Field Technician: 36428 IP SETUP DAY Date: 12-18-09	Filter Lot #: 18833- 0 2 Sample Type: TEM Sample Parent ID #: 7 A - 005 5
Pump Type/Model: SKC AirChe Pump Number: 36428 P SETUP DAY Date: 12-18-09	Sample Type: TEM Sample Parent ID #: 7 A - 005 5
Pump Number: 36428 IP SETUP DAY Date: 12-18-09	Sample Parent ID#: 7 A - 005 5
IP SETUP DAY Date: <u>/ 2 - / な- 0 9</u>	/7'00
Date: 12-18-09	/2:00
	Timer Beginning Date/Time: 12-19-09
	Beginning Flow Rate (L/min): 3000
Time: 3 1 5 0 Pm	Pump Programmed (Yes / No): Yes
BIC	os Calibration Within 10 mL (Yes / No)
IP RETRIEVAL DAY	12.00
2-1 17 1/ 2	Timer Ending Date/Time: 12-24-99
Date: 12-24-09	Ending Flow Rate (L/min): <u> </u>
Time: 2.30 Pm	Total Sample Volume (L): 0 トレッ Total Sample Time (min): 7 と 0
7.47.4	Atmospheric pressure (mm Hg): 25,03
	Temperature inside station unit (°F): 40.7 Pymp /3.4
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	The same of the sa
· · ·	
	-
NATURE:	DATE:

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OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA S TA-0064 Station Location: T-7 (Jay's Rental) Sample ID #: Field Technician: Filter Lot #: 18833- 0 Z Sample Type: TEM Pump Type/Model: SKC AirChek 2000 Sample Parent ID#: TA-0064 Pump Number: 36428 PUMP SETUP DAY Timer Beginning Date/Time: 12 - 2 -Beginning Flow Rate (L/min): Date: 12 - 27 - 04 Pump Programmed (Yes / No): 4 e 5 Time: 4 33 Bios Calibration Within 10 mL (Yes / No) PUMP RETRIEVAL DAY Timer Ending Date/Time: 1 - 2 - 10 Ending Flow Rate (L/min): Date: 1-3-Total Sample Volume (L): 7200 0F40 Total Sample Time (min): 7200 Atmospheric pressure (mm Hg): 27,82 Temperature inside station unit (°F): 45,6 P4 mp/ COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault SIGNATURE: DATE:

TETRA TECH EM INC. **OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA** TA-0064 ADDITIONAL DAILY CHECK RECORDS Sample ID# Station Location: T-7 (Jay's Rental) Filter Lot #: 18833-5 Z Field Technician: Pump Type/Model: SKC AirChek 2000 Pump Number: 36428 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): No (Field Tech Initials) Flow Rate (L/min): Date: 12-29-09 Cumulative Sample Volume (L): 329 Time: (0+19 Pm Cumulative Sample Time (min): 15 98 Atmospheric pressure (mm Hg): 27.44 Temperature inside station unit (F): 43,1 August 34 8. Battery voltage reading (volts): 12,93 he +110-1256 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Date: 12-30-09 (96) Flow Rate (L/min): Cumulative Sample Volume (L): Time: 6 1150M Cumulative Sample Time (min): 2534 Atmospheric pressure (mm Hg): 27.5 Temperature inside station unit (F): 4/6, \$ Phone Battery voltage reading (volts): / 2 7 DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): (Field Tech Initials) Date: 12-31-09 (49) Flow Rate (L/min): Cumulative Sample Volume (L): p FLO Time: 9:22Am Cumulative Sample Time (min): Atmospheric pressure (mm Hg): Temperature inside station unit (F): 44.1 Pumb Battery voltage reading (volts): DAILY CHECK (For each station visit) PUMP FAULT (Yes / No): No (Field Tech Initials) Flow Rate (L/min): 3 Date: 1-1-10 Cumulative Sample Volume (L): 0 F L o Time: 11: 29 A *** Cumulative Sample Time (min): 500 9 Atmospheric pressure (mm++g): 27.42 Temperature inside station unit (F): 49.9 *4mP/4/ Bo Battery voltage reading (volts): 12.54 DAILY CHECK (For each station visit) (Field Tech Initials) PUMP FAULT (Yes / No): No Flow Rate (L/min): Date: 1 - 2 -10 Time: 10:28Am Cumulative Sample Volume (L):

Cumulative Sample Time (min): 6386

Atmospheric pressure (mm Hg): 27.63 î

Temperature inside station unit (F): 53.7 P4 mg

Battery voltage reading (volts): 12.46



OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA 5 TA-0073 Station Location: T-7 (Jay's Rental) Sample ID #: Field Technician: 44 Filter Lot #: 18833- 0 2 Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Sample Parent ID #: TA - 00 73 Pump Number: 36428 PUMP SETUP DAY Timer Beginning Date/Time: 1-8-10 Beginning Flow Rate (L/min): Date: 1-7-10 Pump Programmed (Yes / No): Yes Time: 3:31 8m Bios Calibration Within 10 mL (Yes / No) PUMP RETRIEVAL DAY 12:00 An Timer Ending Date/Time: 1/13/10 Date: 1/13/10 Time: 1014 AM Ending Flow Rate (L/min): 3.0 Total Sample Volume (L): OFLO Total Sample Time (min): 7, 200 Atmosperic Pressure (INS) 27.48 Temperature inside station unit (°F): 52.9 Punt COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault changed heater battery out on 1-10-10 DATE: 1-10-10 / 1-13-10 SIGNATURE:

	TET	RA TECH EM INC.			
	OU7 OUTDOOR AMBIENT				
	ADDITIONAL DAILY CHECK RECORDS TA-0073				
	Station Location: T-7 (Jay's Rent		171 0010		
	Field Technician:		18833- O Z		
	Pump Type/Modél: SKC AirChek 2				
	Pump Number: 36428				
DAILY	CHECK (For each station visit)				
	(Field Tech Initials)	PUMP FAULT (Yes / No):	NO		
	Date: 1-6-10 (99)	Flow Rate (L/min):	3		
1	Time: 12:43 pm ()	Cumulative Sample Volume (L):	2291		
		Cumulative Sample Time (min):	763		
		Atmospheric Pressure (INS)	2R.03		
l.	Te	emperature inside station unit (F):	37.4 Pump/25Bs		
		Battery voltage reading (volts):	12.81		
		heater	11.96		
DAILY	CHECK (For each station visit)				
	(Field Tech Initials)	PUMP FAULT (Yes / No):	No		
181	Date: 1-9-10 (99)	Flow Rate (L/min):	3		
1000	Time: 10:23 Am ()	Cumulative Sample Volume (L):			
		Cumulative Sample Time (min):			
		Atmospheric Pressure (INS)			
	Te	emperature inside station unit (F):			
		Battery voltage reading (volts):			
DAIL V	00507 (5	heater	-11.32		
DAILY	CHECK (For each station visit)	DUMP FAULT (Mary Andrews			
	(Field Tech Initials)	PUMP FAULT (Yes / No):	NO LI LET		
	Date: -10-10 (99)	Flow Rate (L/min):	-3		
	Time: 11: 23 Am ()	Cumulative Sample Volume (L):	OFLO		
		Cumulative Sample Time (min):	3568		
	Т	Atmospheric pressure (INS):	27.91		
	ı e	emperature inside station unit (°F): Battery voltage reading (volts):	41.4 P4mp/34 BOX		
			7.29		
ΠΔΙΙ Υ	CHECK (For each station visit)	heater -	7.29		
DAIL	(Field Tech Initials)	PUMP FAULT (Yes / No):	110		
	Date: 1-11-10 (99)	Flow Rate (L/min):	700		
	Time: 7:27 Am ()	Cumulative Sample Volume (L):	OFLO		
	, LIAN	Cumulative Sample Time (min):	4767		
		Atmospheric Pressure (INS)	27.65		
	Τe	emperature inside station unit (F):	51.5 P4mp/40 B0)		
		Battery voltage reading (volts):	12.45		
		heater.	12.68		
DAILY	CHECK (For each station visit)		-		
	(Field Tech Initials)	PUMP FAULT (Yes / No):_	20		
	Date: 1-12-10 (MS)	Flow Rate (L/min):	3		
	Time: 11:15 pm (m/7)	Cumulative Sample Volume (L):	OFLO		
		Cumulative Sample Time (min):_	6435		
		Atmospheric Pressure (INS_	27.37		
	Te	emperature inside station unit (F) : _	54.9 PURP / BOX 43		
		Battery voltage reading (volts):_	12.38		
		11/1-0	Ca		

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA 5 ADDITIONAL DAILY CHECK RECORDS

TA-0084

ADDITIONAL DAILY CHECK RECORDS	
Station Location: T-7 (Jay's Rental) Sample ID #:	
Field Technician:	
Pump Type/Model: SKC AirChek 2000	
Pump Number: 36428	
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT (Yes / No): VO	
Date: 1-18-10 (49) Flow Rate (L/min): 3	
Time: 10:408 m () Cumulative Sample Volume (L): 1920	
Cumulative Sample Time (min): 639	
Atmospheric Pressure (INS) 27.72	
Temperature inside station unit (F): 56.7 Pump / 468 X	
Battery voltage reading (volts): /2. 3/	
heater- 1259	
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT (Yes / No):	
Date: 1-19-10 99) Flow Rate (L/min): 3	
Time: 10:10 Am() Cumulative Sample Volume (L): 6149	
Cumulative Sample Time (min): 2 9 4 9	
Atmospheric Pressure (INS) 2 6.95	
Temperature inside station unit (F): 55.2 pume / 45 Bo	X
Battery voltage reading (volts): 12.22	
beater- 12.05	
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT (Yes / No): 📈 🗸	
Date: 1 - 2 ∘ - 1 ∘ (94) Flow Rate (L/min): 3	
Time: 12:34Pm () Cumulative Sample Volume (L): 0FL0	
Cumulative Sample Time (min): 3 4 3 4	
Atmospheric pressure (INS): 26.89	
Temperature inside station unit (F): 55.5 Pump/45 Bex	1
Battery voltage reading (volts): 12.18	
heater- 11.74	
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT (Yes / No): NO	
Date: 1- 21-10 (99') Flow Rate (L/min):	
Time: 9:44 Am () Cumulative Sample Volume (L): 0 F LO	
Cumulative Sample Time (min): 49.04	
Atmospheric Pressure (INS)	
Temperature inside station unit (F): 52.1 Pump/4/3	av
Battery voltage reading (volts): 12.14	U/V
heater - 11.46	
DAILY CHECK (For each station visit)	
(Field Tech Initials) PUMP FAULT (Yes / No):	
Date: 1 - 2 - 10 (94) Flow Rate (L/min): 3	
Atmospheric Pressure (INS 2 4 . 7 4	
Temperature inside station unit (F): 43.3 84mP/3860X	(
Battery voltage reading (volts): 12.09	
heater - 10.07	

OU7 OUTDOOR AMBIENT AIR - FIELD SAMPLE DATA ? TA-0084 Station Location: T-7 (Jay's Rental) Sample ID #. Field Technician: 22 Filter Lot #: 18833- 0 2 Pump Type/Model: SKC AirChek 2000 Sample Type: TEM Pump Number: 36428 Sample Parent ID #: TA - 00 % 4 PUMP SETUP DAY 12',00An Timer Beginning Date/Time: 1 - 1 - 10 Date: 1-17-10 Beginning Flow Rate (L/min): Pump Programmed (Yes / No): Time: 3:018m Bios Calibration Within 10 mL (Yes / No) PUMP RETRIEVAL DAY 12:00 AT Timer Ending Date/Time: 1 - 23 - 10 Date: 1-23-10 Ending Flow Rate (L/min): 3 Total Sample Volume (L): 0 FLO Time: 8: 47 Am Total Sample Time (min): 7200 Atmosperic Pressure (INS) 27.14 Temperature inside station unit (°F): 38.9 Pane/32 Box COMMENTS: (Please note all photographs taken, major storm events, vandalism, and reason for pump fault Heater battery dead No extra heat for last 12 hours of sample period 1-22-10 DATE: SIGNATURE:













